



JMA LINE
VEHICLES
MOTORCYCLE
NORTH AMERICAN CYLINDER
INTERNATIONAL CYLINDER
FLAT KEYS
BIT AND BARREL
CROSS KEYS
SPECIAL KEYS
PRO LINE
QUICKBLANKS LINE

THE LEADER IN TECHNOLOGY

EL LIDER EN TECNOLOGÍA

THE LEADER IN QUALITY

EL LIDER EN CALIDAD

**THE LEADER IN THE
COMMITMENT TO THE
ENVIRONMENT**

*EL LIDER EN COMPROMISO
MEDIOAMBIENTAL*

THE LEADER IN SERVICE

EL LIDER EN SERVICIO

**GLOBALLY UNLOCKING
MILLIONS OF DOORS**

*ABRIENDO MILLONES DE
PUERTAS EN TODO EL MUNDO*

KEYS - LLAVES 2012

(C.9)

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ENGLISH

GENERAL CATALOGUE C.9

The keys that appear in this catalogue are **JMA** parts manufactured by Llaves Altuna de México S.A. de C.V. or one of its subcontractors. They are designed for cylinders and locks made by the manufacturers whose trademarks are indicated in this catalogue.

In accordance with legal requirements relating to industrial property rights, the trademarks or trade names indicated in this catalogue are the exclusive property of the manufacturers of the cylinders and locks, as well as automobile manufacturers, other constructors, distributors and users.

The aforementioned trademarks or trade names are indicated for information purposes only so that the lock

to which our parts correspond can be recognized quickly and easily.

This catalogue is for the exclusive use of professional key duplicators who use **JMA** parts. Data referring to the products in this catalogue are indicative in nature. Although the basic characteristics are maintained at all times, we reserve the right to make, without previous notice, any technical, aesthetic or other types of changes involved in the development of the products in question. Some of the keys in this new catalogue could be received either with the **JMA** reference and trademark or with another trademark from the ALTUNA group.

ESPAÑOL

CATÁLOGO GENERAL C.9

Las llaves que aparecen en este catálogo son piezas **JMA** fabricadas por Llaves Altuna de México S.A. de C.V. o un subcontratista de éste. Están diseñadas para cilindros y cerraduras de los fabricantes cuyas marcas se indican en este catálogo.

Conforme a las disposiciones legales vigentes relativas a la propiedad industrial, las marcas o nombres comerciales indicados en este catálogo son propiedad exclusiva de los fabricantes de cilindros y cerraduras, así como de los fabricantes de automóviles, otros constructores, distribuidores y usuarios.

Dichas marcas o nombres comerciales se indican en calidad simplemente informativa con el fin de reconocer

con rapidez la cerradura a la que corresponden nuestras piezas.

Este catálogo está reservado exclusivamente a profesionales de la reproducción de llaves que utilizan piezas **JMA**.

Los datos referentes a los productos de este catálogo tienen carácter indicativo. Manteniendo siempre las características básicas, nos reservamos el derecho de realizar, sin previo aviso, modificaciones técnicas, estéticas o de otro tipo, por razones de evolución de los productos en cuestión.

Algunos modelos que están en este nuevo catálogo podrán recibirlos tanto con la marca y la referencia **JMA** como con otra marca del grupo ALTUNA.

FRANÇAIS

CATALOGUE GENERALE C.9

Les ébauches de clés reportées sur ce catalogue sont des ébauches **JMA** fabriquées par Llaves Altuna de México S.A. de C.V. ou un de ses sous-traitants. Elles sont destinées aux cylindres et serrures des fabricants dont les marques sont indiquées dans ce catalogue.

Conformément aux dispositions légales en vigueur relatives à la propriété industrielle, les marques ou les dénominations commerciales citées dans ce catalogue sont la propriété exclusive des fabricants de cylindres et de serrures ainsi que des constructeurs de voitures, autres constructeurs, distributeurs et utilisateurs.

Ces marques ou dénominations commerciales sont indiquées à titre de simple information afin de con-

naître rapidement à quelle serrure nos ébauches sont destinées.

Ce catalogue est exclusivement réservé aux professionnels de la reproduction de clés, utilisant des ébauches **JMA**.

Les renseignements sur les produits de ce catalogue sont donnés à titre indicatif. Tout en gardant les caractéristiques de base, nous nous réservons le droit d'apporter, sans préavis, des modifications techniques, esthétiques ou autres, dues à l'évolution des produits en question.

Les ébauches dans ce catalogue peuvent être livrées soit avec la marque et référence **JMA**, ou avec une autre marque du Group Altuna.

GENERAL CATALOGUE C.8

CATÁLOGO EN GENERAL C.8

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS



ENGLISH

OUR SUCCESS IS BASED ON OUR PEOPLE'S COMMITMENT

Llaves Altuna de México S.A. de C.V. is part of The **Altuna Group**. The Altuna Group is a global network of production and marketing companies, dedicated to providing the Security Industry with outstanding Key Blanks, Key Machines and locksmith related products under the **JMA** brand.

We primarily serve the lock and automotive OEM (Original Equipment Manufacturer) market, and provide superior aftermarket products with three distinct product lines: JMA Line, Pro Line and Quickblanks.

Operations of our Guadalajara plant began in April 1997. This plant was originally conceived to serve the OEM market, but in late 1999 **JMA** began building a solid reputation in the aftermarket of many countries in North, Central and South America. Our distribution center in Texas was created in 2004 as part of the **Altuna Group's** Internationalization strategy. Currently, **JMA** is the largest key blank manufacturer in Europe, and Mexico.

JMA is made up of a driven, committed and motivated team bound by a common project. 13 companies in 4 continents work together for the development, enhancement and strengthening of the **JMA** brand.

ESPAÑOL

NUESTRO ÉXITO ESTÁ BASADO EN EL COMPROMISO DE LAS PERSONAS

Llaves Altuna de México S.A. de C.V., sociedad parte de **Altuna Group**, fábrica todo tipo de llaves para cerradura. Sus productos van destinados a el mercado OEM (Original Equipment Market) y de reposición bajo sus tres líneas de Productos; Línea JMA, Línea Proline y Línea Quickblanks.

Para Abril de 1997 se inician actividades en la planta de Guadalajara que fuera inicialmente dedicada al mercado OEM. A finales del año de 1999, se incursiona en el mercado de reposición con la marca **JMA**. La línea Similar — ahora conocida como Proline, es lanzada para el año del 2003, y en el año 2006 se incursiona en el mercado americano, para el que se diseñaría la línea Quickblanks, que vería la luz para el año de 2008. Esta línea representa las llaves de más alto movimiento en el mercado a un precio económico.

Esta estrategia de apertura de mercados exteriores, apoyada en la internacionalización y siempre basada en un enfoque innovador de los productos industriales, ha convertido a **Altuna Group** en el primer productor de Llaves Europeo y Mexicano, y referente mundial en este campo.

Actualmente, 13 compañías en 4 continentes trabajan conjuntamente para el desarrollo y potenciación de la fuerza de nuestra marca **JMA**, conocida en más de 100 países en todo el mundo.

JMA integra equipos de personas comprometidas y motivadas por un proyecto común que nos ha permitido ser el líder en la fabricación de llaves.

JMA IS COMMITMENT

JMA ES COMPROMISO · JMA EST UN ENGAGEMENT



FRANÇAIS

NOTRE SUCCÈS EST FONDÉ SUR L'ENGAGEMENT DE NOTRE PERSONNEL

Llaves Altuna de México S.A. de C.V., société au sein du **Group Altuna**, fabrique un assortiment important de clés pour verrouillage. Nos produits sont destinés au Marché de fabrication original (OEM) et le marché de remplacement.

Llaves Altuna de México S.A. de C.V., A ouvert ses portes en Avril 1997 au Mexique (Guadalajara) pour répondre à une demande croissante de nos partenaires OEM. En 1999 ont été lancées les clés **JMA** au marché de remplacement Nord Américain. Synonyme de qualité La Marque Proline a été lancée en 2003 et a connue un succès immédiat auprès des professionnels de l'industrie ; cette ligne offre des clés qui sont très proches de l'origine en vue et qualité. Proline et le choix d'excellence des professionnels ! 2008 a connue le lancement de la marque Quickblanks, cette ligne représente les clés à volume important. La marque QuickBlanks présente un excellent rapport qualité prix.

Notre stratégie d'ouverture sur les marchés extérieurs et notre volonté d'internationalisation a toujours été soutenue par une approche innovante des procédés industriels, qui a fait de nous un leader et référent mondial dans ce domaine.

Aujourd'hui, le **Group Altuna** compte 13 entreprises sur 4 continents et une présence commerciale dans plus de 100 Pays.

Les équipes **JMA** sont formées de personnes motivées et pleinement investies dans un projet commun, chose qui nous a permis d'être un leader dans la fabrication de clés.

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ENGLISH:

THE LEADER IN TECHNOLOGY:

A definite focus on automation of our production process together with a strong investment policy in all our production facilities ensures **JMA's** competitiveness and long-term future.

THE LEADER IN QUALITY:

Quality has always been a cornerstone of **JMA's** business model. Our quality policy is based on prevention planning, continuous improvement, customer satisfaction and employee participation.

These values have been the core of our company philosophy from the start and enables **JMA** to ensure competitiveness and long-term success. Our commitment to quality, in conjunction with a solid investment policy in terms of equipment and machinery, has been the main reason behind **JMA's** global success.

In addition to Quality Certification ISO 9001, **JMA** operates Quality Management Systems approved by the leading companies in the automotive, commercial and residential sectors in all of our manufacturing facilities. Our commitment in the future is to continue adapting to the market's new quality requirements, incorporating key aspects in our company's culture such as leadership, customer focus and workforce development.



THE LEADER IN THE COMMITMENT TO THE ENVIRONMENT:

JMA best environmental practice is the norm and not the exception. Our team is part of a business project that respects the environment and contributes to the sustainable development of our community.

JMA was the first key manufacturer in the world to achieve ISO 14001 certification for its management system in 2000. This system incorporates the environmental policy, which includes the company's values and commitments, as well as procedures that ensure good environmental practice throughout the company.

THE LEADER IN SERVICE:

The efficiency of a company is shown in its capacity to respond with the maximum speed and effectiveness to the needs and requirements of its customers, wherever they are based.

JMA places at your disposal 5 production plants based in strategic locations. Along with our extensive network of associate and distribution companies located throughout the world, we can provide world class service wherever our customers may be based.



ESPAÑOL:

LIDER EN TECNOLOGÍA:

Una apuesta sólida por la calidad y la innovación basada en la automatización y garantía de procesos y soportada por una vocación inversora a largo plazo.

LIDER EN CALIDAD:

En el ámbito de la Calidad **JMA** siempre ha sido una empresa líder y pionera en su sector. Nuestra política de calidad se basa en la prevención y planificación, mejora continua, satisfacción del cliente y participación de las personas.

Estos valores están impregnados en nuestra empresa desde sus orígenes y han sido, junto con una adecuada política de inversión en instalaciones y maquinaria, el motivo principal de nuestro éxito, que además nos permite asegurar la competitividad de la empresa y con ello el futuro a largo plazo.

Además de la Certificación en Calidad de acuerdo a la ISO 9001, **JMA** acoge Sistemas de Gestión de la Calidad homologados por las empresas líderes del sector de automoción y residencial. Actualmente nuestra empresa es reconocida en el mercado europeo como líder en este campo.

LIDER EN EL COMPROMISO POR EL MEDIO AMBIENTE:

Las buenas prácticas medioambientales son la norma y no la excepción. Nuestro equipo forma parte de un proyecto de empresa respetuoso con el medioambiente y que colabora con el desarrollo sostenible de nuestro entorno.

JMA fue el primer fabricante mundial de llaves en conseguir en 2000 el certificado ISO 14001 para su Sistema de Gestión. Este Sistema incorpora la política medioambiental, donde se recogen los valores y compromisos de la empresa, así como procedimientos que desarrollan los sistemas de trabajo y garantizan las correctas prácticas medioambientales en todos los ámbitos de la empresa.

LIDER EN SERVICIO:

La realidad de una empresa se demuestra en su capacidad por responder con la máxima celeridad y eficacia a las necesidades y exigencias de los clientes. Se encuentren donde se encuentren. **JMA** pone a su disposición 5 plantas productivas en localizaciones estratégicas. Además, gracias a su amplia red de filiales y empresas distribuidoras repartidas por todo el mundo, le permite llegar a cualquier cliente, se cual sea su ubicación.

JMA, THE LEADER

JMA, EL LÍDER · JMA, LE LEADER



FRANÇAIS:

LEADER EN TECHNOLOGIE:

Un pari résolu sur la qualité et l'innovation basée sur l'automatisation et la garantie des process et soutenu par une vocation d'investissement à long terme.

LEADER EN QUALITÉ :

Dans le domaine de la Qualité, JMA a toujours été une entreprise pionnière et leader de son secteur. Notre politique de qualité est assise sur la prévention et planification, l'amélioration continue, la satisfaction du client et la participation des personnes. Ces valeurs irriguent notre entreprise depuis sa création. Soutenues par une politique constante d'investissement en installations et machines, elles expliquent, notre succès et, de plus, nous permettent d'assurer la compétitivité de l'entreprise et donc notre futur à long terme.

Bénéficiant de la Certification de Qualité selon la norme ISO 9001, JMA s'appuie sur des systèmes de gestion de la qualité homologués par les principaux constructeurs, aussi bien automobiles que du bâtiment. Aujourd'hui, notre entreprise est reconnue par le marché européen comme le leader du secteur.

LEADER EN ENGAGEMENT ENVIRONNEMENTAL:

Pour JMA, les bonnes pratiques environnementales sont la règle et non l'exception. Notre équipe fait partie d'un projet entrepreneurial respectueux de l'environnement qui collabore au développement durable de notre milieu.

JMA a été le premier fabricant mondial de clés à obtenir, dès 2000, le certificat ISO 14001 pour son système de gestion. Ce système comporte deux piliers: la politique environnementale, où sont définis les valeurs et les engagements de l'entreprise, et les procédures qui développent les systèmes de travail et qui garantissent les bonnes pratiques environnementales dans tous les domaines d'activité.

LEADER EN SERVICE:

La réalité d'une entreprise se démontre par sa capacité à répondre le plus promptement et le plus efficacement possible aux besoins et aux exigences des clients. Où qu'ils se trouvent.

JMA place à leur disposition 5 sites de production situés dans des lieux stratégiquement choisis. De plus, grâce à notre vaste réseau de filiales et de distributeurs répartis dans le monde entier, nous pouvons toucher tous nos clients, où qu'ils soient.

14 companies in 14 countries; 500 people and over 450 million keys sold in more than 100 countries all over the 5 continents.

14 Compañías en 14 países; 500 personas y más de 450 millones de llaves al año en más de 100 países en todo el mundo.

14 sociétés dans 14 pays ; 500 personnes et plus de 450 millions de clés vendues chaque année dans plus de 100 pays de quatre continents.

JMA WORLDWIDE

JMA's potential worldwide is based on its production plants and commercial subsidiaries in Europe, North and South America, Asia and Africa.

Globalisation is a priority strategy for **JMA**

JMA EN EL MUNDO

El potencial de **JMA** en el mundo está cimentado a través de sus plantas productivas y filiales comerciales en Europa, América del Norte y del Sur, Asia y África.

La internacionalización es una estrategia prioritaria en **JMA**.

JMA DANS LE MONDE

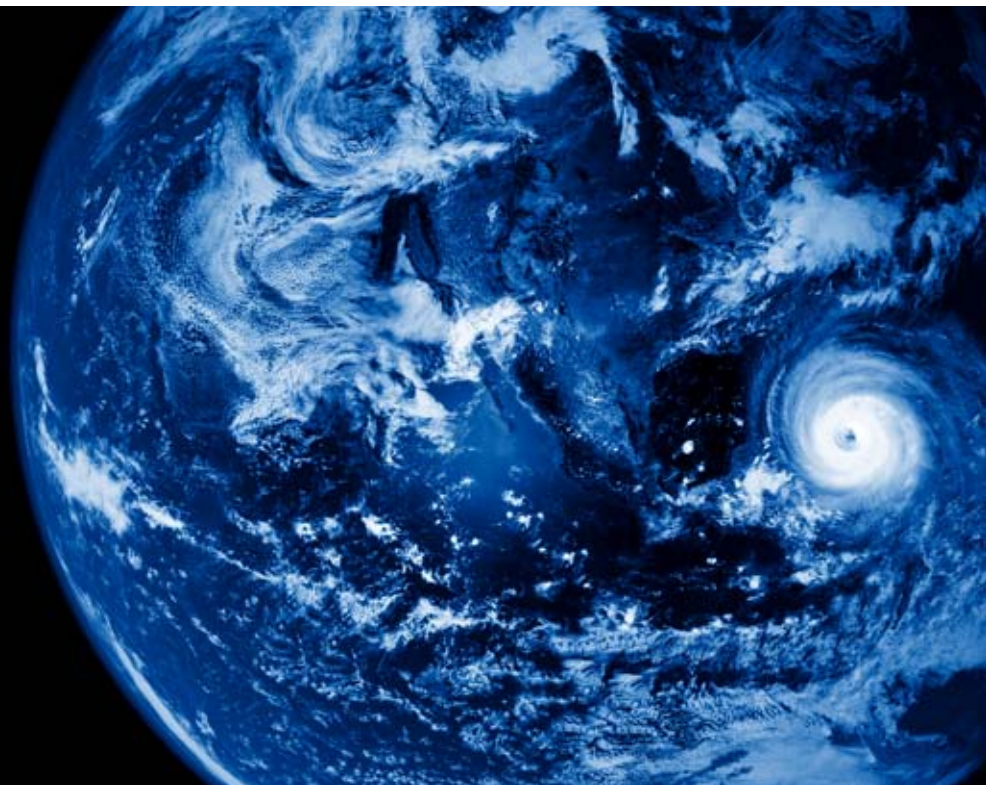
Le potentiel de **JMA** dans le monde est solidement ancré dans un réseau de production et de distribution qui couvre l'Europe, les deux Amériques, l'Asie et l'Afrique.

L'internationalisation est une stratégie prioritaire pour **JMA**.



JMA WORLDWIDE

JMA EN EL MUNDO · JMA AUTOUR DU MONDE



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

JMA[®] LINE

VEHICLES · VEHÍCULOS · VÉHICULES

01-42



MOTORCYCLE · MOTOCICLETA · MOTO

45-51



NORTH AMERICAN CYLINDER · CILINDRO NORTEAMERICANO · CYLINDRE NORD-AMÉRICAIN

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INTERNATIONAL CYLINDER · CILINDRO INTERNACIONAL · CYLINDRE INTERNATIONAL

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FLAT KEYS · LLAVES PLANAS · CLÉS PLATES

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KEY TYPES AND SPECIAL KEYS

TIPOS DE LLAVES Y LLAVES ESPECIALES · TYPES DE CLÉS ET LES TOUCHES SPÉCIALES

BIT AND BARREL · GORJA · CLÉS À GORGES

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CROSS KEYS · LLAVES DE CRUZ · CLÉS TRANSVERSALES

149-150



SPECIAL KEYS · LLAVES ESPECIALES · CLÉS SPÉCIALES

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PRO LINE

PRO LINE · LÍNEA PRO · LIGNE PRO

181-189



Quickblanks LINE

QUICKBLANKS LINE · LÍNEA QUICKBLANKS · LIGNE QUICKBLANKS

193-202



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

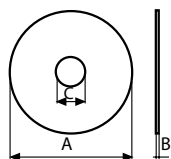
ACCESORIES

*ACCESORIOS
ACCESSOIRES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

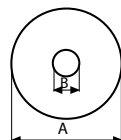
CUTTERS • FRESAS CIRCULARES • FRAISES CIRCULAIRES



REF.	A x B x C	USED FOR / SIRVE PARA / POUR
FPIL27	57 x 6.5 x 12.7	Ø27
FP11	63 x 5 x 16	ECCO, ECCO PLUS, ECCO AUTOMÁTICA
FP24	80 x 5 x 16	TITAN, TITAN MASTER, SARATOGA, DAKOTA
FPIL25/45	60 x 2.5 x 12.7	Ø25, Ø45
FP19	80 x 1.4 x 16	SARATOGA
FP8	63 x 1.4 x 16	ECCO BIT
FP10	63 x 2.4 x 16	ECCO FORD, ECCO ABLOY

Milling Tools are made from HSS material. / Fresas Circulares son de material HSS. / Fraises Circulaires en HSS.

BRUSHES • CEPILLOS • RABOTS



REF.	A x B x C	USED FOR / SIRVE PARA / POUR
C1	65 x 10	ECCO PLUS, ECCO BIT, ECCO AUTOMÁTICA
C2	75 x 13	TITAN, TITAN MASTER, DAKOTA, ECCO BIT
C3	100 x 13	SARATOGA
CIL27	80 x 13	ILCO

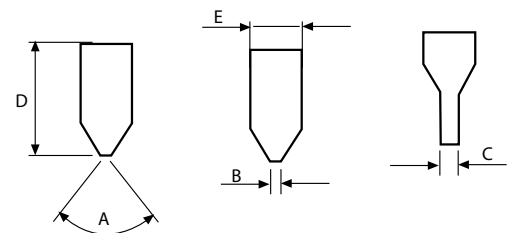
ACCESSORIES

ACCESORIOS · ACCESSOIRES

CUTTERS AND TRACERS • FRESAS Y PALPADORES • FRAISES ET PALPEURS



CUTTER FRESA FRAISES	A	B	C	D	E	TRACER PALPADOR PALPEURS
F1	90	0.8	-	45	6	P1
F5	90	0.9	-	45	6	P5
F8	-	-	4	45	6	P8
F11	-	-	2.5	45	6	P11
F12A	100	0.6	-	45	6	P12A
F12B	100-90	2.1-2.9	-	45	6	P12B
F13	100	0.8	-	45	6	P13
F14	100	1.45	-	45	6	P14
F16	130	0.6	-	45	6	P16
F22	-	-	2.4	45	6	P22



All these cutters and tracers can be used for the DAKAR, DAKAR EXPRESS y DAKKI. machines. / Todas estas fresas y palpadores sirven para las máquinas DAKAR, DAKAR EXPRESS y DAKKI. / Les fraises et palpeurs sont adaptés aux machines DAKAR, DAKAR EXPRESS y DAKKI.

Cutters and tracers are made from HSS material. / Fresas y Palpadores son de material HSS. / Toutes les Fraises Circulaires en HSS.

MERCHANDISING AIDS

*PUBLICIDAD
PUBLICITÉ*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS



- 1A**
- ▶ "GILTZIN" ADHESIVE LABEL
 - ▶ 9" X 10.8"
 - ▶ FRONT

- 1B**
- ▶ ETIQUETA ADHESIVA "GILTZIN"
 - ▶ 23 X 27.3 CM
 - ▶ FRONTAL



- 2A**
- ▶ "KEYS CUT HERE" ADHESIVE LABEL
 - ▶ 11.5" X 7.8"
 - ▶ FRONT AND GLASS

- 2B**
- ▶ ETIQUETA ADHESIVA "SE DUPLICAN LLAVES"
 - ▶ 29 X 20 CM
 - ▶ FRONTAL Y VIDRIO



- 3A**
- ▶ "SECURITY KEYS" ADHESIVE LABEL
 - ▶ 12" X 8"
 - ▶ FRONT



- 3B**
- ▶ ETIQUETA ADHESIVA "LLAVES DE SEGURIDAD"
 - ▶ 30.5 X 20.3 CM
 - ▶ FRONTAL



- 4A**
- ▶ "AUTO AND MOTORCYCLE TRANSPONDER" ADHESIVE LABEL
 - ▶ 28 X 21.5 CM
 - ▶ FRONT



- 4B**
- ▶ ETIQUETA ADHESIVA "DUPLICAMOS LLAVES ELECTRONICAS PARA COCHE Y MOTO"
 - ▶ 28 X 21.5 CM
 - ▶ FRONTAL



- 5**
- ▶ BANDEROLA DOS VISTAS "CENTRO DE DUPLICADO DE LLAVES" (NOT AVAILABLE IN ENGLISH)
 - ▶ 44 X 50 CM
 - ▶ FRONTAL Y POSTERIOR



- 6**
- ▶ LÁMINA "SE DUPLICAN LLAVES" (NOT AVAILABLE IN ENGLISH)
 - ▶ 35 X 50 CM
 - ▶ FRONTAL

MERCHANDISING AIDS AND RED BAND

PUBLICIDAD Y FRANJA ROJA · PUBLICITÉ ET LIGNE ROUGE



- 1.- Can with 200 plastic rings M0 Ø 20 mm**
Bote con 200 Anillos Plásticos M0 Ø 20 mm
Boîte de 200 Anneaux plastique M0 Ø 20 mm



- 2.- Can with 200 plastic rings M1 Ø 24 mm**
Bote con 200 Anillos Plásticos M1 Ø 24 mm
Boîte de 200 Anneaux plastique M1 Ø 24 mm



- 3.- Can with 200 plastic rings M2 Ø 28 mm**
Bote con 200 Anillos Plásticos M2 Ø 28 mm
Boîte de 200 Anneaux plastique M2 Ø 28 mm



- 4.- Can with 200 plastic rings M3 Ø 30 mm**
Bote con 200 Anillos Plásticos M3 Ø 30 mm
Boîte de 200 Anneaux plastique M3 Ø 30 mm





5.- Box with 200 key tags Colors M-1
 Caja con 200 Porta Etiqueta de Colores M-1
 Boite de 200 étiquettes porte-clés colorées M-1



6.- Box with 200 key tags colors M-2
 Caja con 200 porta etiqueta de colores M-2
 Boite de 200 étiquettes porte-clés colorées M-2

MERCHANDISING AIDS AND RED BAND

PUBLICIDAD Y FRANJA ROJA · PUBLICITÉ ET LIGNE ROUGE



7.- Small display 5 lines. (50 spaces)
Exhibidor pequeño 5 líneas (50 espacios)
Petit Présentoir pour clés 5 lignes (50 espaces)



8.- Large display 9 lines. (90 spaces)
Exhibidor grande 9 líneas (90 espacios)
Grand Présentoir pour clés 9 lignes (90 espaces)
97 x 42 cm



9.- Large rotating display 9 lines
(144 spaces, 80 hooks included)
Exhibidor giratorio grande 9 líneas
(144 espacios, 80 ganchos incluidos)
Grand Présentoir rotatif pour clés 9 lignes
(144 espaces, 80 crochets inclus)

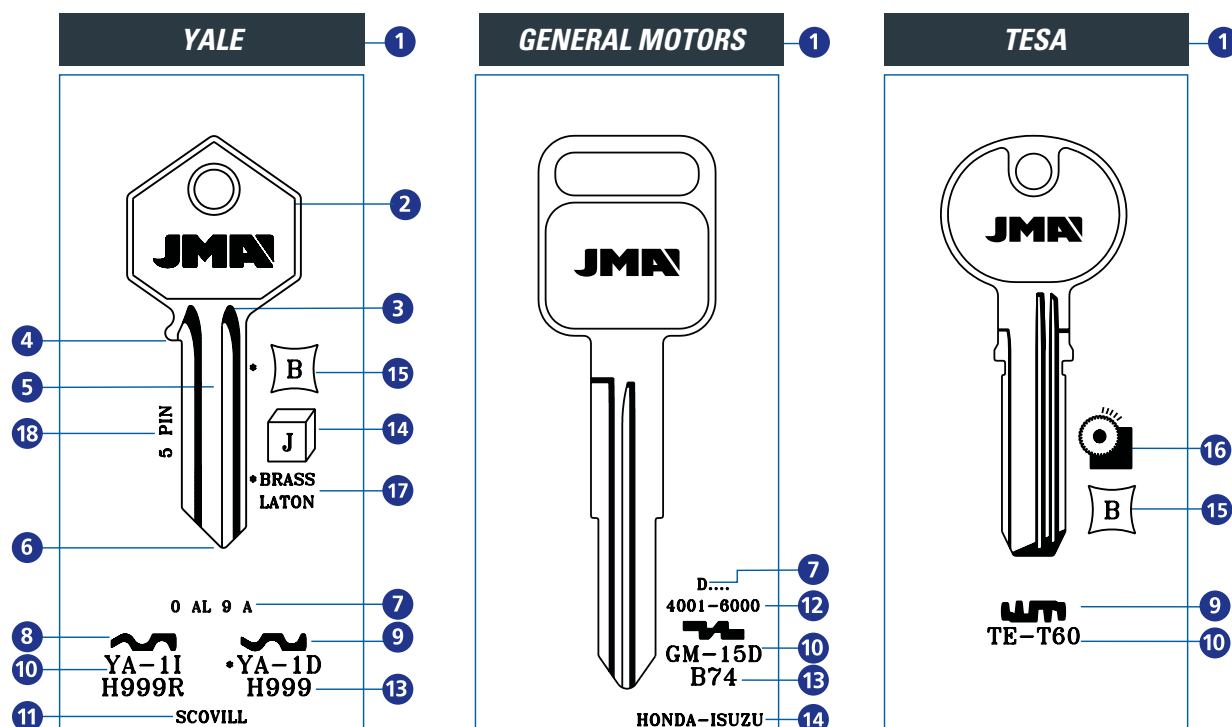


10.- Metal ring, bag with 1,000 pieces
Argolla metálica, bolsa con 1,000 piezas
Sac d'anneaux métallique (1000 pièces)

All keys included in this catalog are nickel plated brass unless otherwise indicated.

Todas las llaves presentes en este catálogo que no tienen indicación de material y terminado están disponibles en material latón y terminado niquelado.

Toutes les clés dans ce catalogue sont disponible en laiton nickelé, sauf mention contraire.



MATERIALS AND FINISHED · MATERIALES Y TERMINADOS · MATÉRIAUX ET FINI

N. SILVER / ALPACA

- Key available in nickel silver.
- Llave disponible en alpaca.
- Clé disponible en maillechort.

STEEL / ACERO

- Key available in steel.
- Llave disponible en acero.
- Clé disponible en acier.

ZAMAK / ZAMAK

- Key available in zamak.
- Llave disponible en zamak.
- Clé disponible en zamak.

BRASS / LATÓN

- Key available with and without nickel plated.
- Llave disponible con y sin niquelar.
- Clé disponible avec et sans niquèle.

ONLY BRASS / SOLO LATÓN

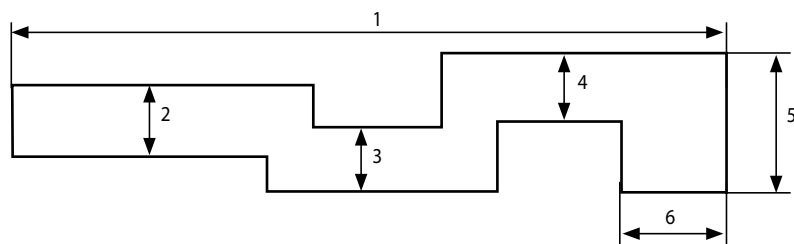
- Key available only in brass, not in nickel silver plated.
- Llave disponible solo latonada, no niquelada.
- Clé disponible seulement en laiton, pas en version nickelé.

KEY DESCRIPTION AND TERMINOLOGY

DESCRIPCIÓN Y TERMINOLOGÍA

ENGLISH	ESPAÑOL	FRANÇAIS
1 MAIN BRAND	1 MARCA PRINCIPAL	1 MARQUE PRINCIPALE
2 HEAD	2 CABEZA	2 TÊTE
3 NECK	3 CUELLO	3 COU
4 SHOULDER	4 TOPE	4 ARRET
5 BLADE	5 PALETÓN	5 CANON
6 TIP	6 PUNTA	6 POINTE
7 ORIGINAL PROFILE	7 NOMENCLATURA DE PERFIL ORIGINAL	7 PROFIL ORIGINAL
8 LEFT PROFILE	8 PERFIL IZQUIERDO	8 PROFIL GAUCHE
9 RIGHT PROFILE	9 PERFIL DERECHO	9 PROFIL DROIT
10 JMA REFERENCE	10 REFERENCIA JMA	10 REFERENCE JMA
11 ALTERNATE BRAND	11 MARCAS SECUNDARIAS	11 MARQUE SECONDAIRE
12 CODE SERIES	12 SERIES	12 CODE
13 CROSS REFERENCE	13 REFERENCIA ESTADOS UNIDOS	13 ÉTATS-UNIS RÉFÉRENCE
14 JUMBO PACK	14 EMPAQUE JUMBO	14 PAQUET JUMBO
15 BAG	15 BOLSA	15 SAC
16 SPECIAL MACHINE REQUIRED	16 MAQUINA ESPECIAL REQUERIDA	16 MACHINE SPÉCIALE REQUISE
17 MATERIAL	17 MATERIAL	17 MATÉRIAUX
18 NUMBER OF PINS	18 NÚMERO DE PERNOS	18 NOMBRE DE PINS

CONVENTIONAL SIGNS · SIGNOS CONVENCIONALES · SIGNES CONVENTIONNELS



1.- Width of blade
· Ancho del paletón
· Largeur du panneton

5.- Thickness of blade
· Espesor del paletón
· Épaisseur du panneton

2.- Cutting surface
· Zona del dentado
· Zone de la denture

6.- Back
· Lomo
· Dos

3.- Lower groove
· Canal inferior
· Rainure inférieure

4.- Upper groove
· Canal superior
· Rainure supérieure

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*ÍNDICE GENERAL
INDICE GENERAL*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

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CT2	CENT-3D	110	VR2	VI-1IS	184	LN3	RO-25I	126
DB2	DOB-2	40	WK2	WES-1D	90	L3XY	LAS-XY	120
DE2	DX-7D	64	WK2	WES-1DE	198	LT3	LIT-1I	120
DXB2	DX-25	65	WK2-PC NAVY BLUE	WES-1D.PA	173	LT3X	LAS-TX	120
DXC2	DX-28	65	WK2-PC SMOKE	WES-1D.PB	173	M3	MAS-7D	75
DXD2	DX-31	65	WK2-PC ORANGE	WES-1D.PN	173	ME3	MER-17	122
EZ2	EZS-1	67	WK2-PC RED	WES-1D.PR	173	MN3	MIL-2	139
FA2	WEI-5	89	WK2-PC GRAPE	WES-1D.PU	173	MIT3	MIT-14D	27
FL2	FAL-23D	68	WK2-PC GREEN	WES-1D.PV	173	PZ3	PAP-3	124
FR2	FR-11D	69	WK2-PC YELLOW	WES-1D.PY	173	RA3	AMM-2	2
FR2	FR-11DE	194	WR2	WEI-17D	89	RK3	RU-2I	126
FU2	MIT-11D	27	WS2	WAS-7D	9	RO3	NTC-10D	77
GH2	GH-HX	37	XPA2	PAP-2X	149	RO3	NTC-10DE	196
HAW2	HAW-3D	70	Y2	YA-17D	91	SE3C	AF-1I	35
HR2	TE-7D	87	Y2	YA-17DE	198	SQ3	SQ-2	128
HR2	TE-7DE	197	Y2	YA-17DS	184	SUZ3	SUZU-2I	48
HY2	HY-15D	20	YS2	FO-XR	12	SV3	STUV-3	128
IF2	IF-125	117	AK3	ANK-3	105	SX3	SR-4	128
IF2R	IF-D25	117	AM3	AME-1	55	TE3	TE-7D	87
JN2	JUNI-2D	118	AM3	AME-1E	193	TM3	TRM-7	88
KAB2	KA-7	118	AS3	AS-M5	106	WK3	WIL-3D	134
K2	KEI-2	72	AP3	CHI-8D	59	WR3	WEI-1	89
KK2	KI-2D	22	AP3	CHI-8DE	193	WR3	WEI-1E	197
KM2	LAS-Y	13	AU3	AG-10D	104	WS3	WAS-9D	9
KYM2-SI	KYM-2	47	BKS3	BK-19/11	108	WT3	BM-B	3
HN2	HEN-1	117	BMW3	BM-2	3	ALP4	ALP-3	105
L2EX	LAS-1D	119	BMW3P	BM-2.P	3	AM4	AME-4	55
LAP2	LPO-1	119	BT3	BE-5D	107	AP4	CHI-7D	59
LC2	LIN-1D	120	CB3	COR-50/60	63	AP4	CHI-7DE	193
LD2	LRD-1	73	CLB3	CLB-2D	7	AR4	ARR-5D	55
LT2	LIT-5I	121	CO3	COR-81	61	AR4	ARR-5DE	193
M2	MAS-7	75	DC3	MIT-2I	26	AS4	AS-M7	106
M2	MAS-7E	195	DC3P	MIT-2I.P	26	AU4	AG-10I	104
ME2	MER-16D	122	DO3M	DOM-9D	112	B4	BS-11	4
MIT2	CHR-17	6	DXB3	DX-26	65	BKS4	BK-19/12	108
MIW2	MIW-2	123	DXC3	DX-29	65	BT4	BE-4I	107
MM2	MCM-6	122	DXD3	DX-32	65	CLB4	CLB-2	7
MTK2P	MUL-T2.P	123	FA3	FAL-1D	67	CR4R	ME-1	24
N2M	NE-6	45	FA3	FAL-1DE	194	CR4RP	ME-1.P	24
NE2	NE-13	7	FL3	FAL-24D	68	DE4	DX-4	64
PHA2	PHI-52L	78	FR3	FR-12D	69	DNDSC4	SLG-4C	183
PN2	NE-32	13	GT3	GLOB-1D	22	DT4	DAT-3D	28
PZ2	PAP-2	124	GU3	GR-3I	117	DW04RAP	DAE-3D.P1	7
RA2	BS-1I	2	HAW3	HAW-4D	70	DXB4	DX-33	65
SE2	SEG-2D	86	HU3	HUW-N	117	DXC4	DX-34	65
SIM2	GIU-1	115	HY3	HY-16	20	DXD4	DX-35	65
STA2	STL-2I	128	IF3S	IF-35	117	EV4	EV-13D	114
SUB2	SUB-3	36	IF3L	IF-45/55	117	FH4	FIC-7	114
SUZ2	SUZU-1I	48	IN3	ILC-4D	71	FL4	FAL-25D	68
TE2	TE-1D	128	IN3	ILC-4DE	194	FTH4	FTH-15	115
TM2	TRM-6D	88	KAB3	KA-2	118	GB4	GLO-10	116
TO2	TV-11	130	KE3SI	KE-3	119	GU4	GR-1I	117
UR2	URKO-3I	132	KK3	KI-3D	22	GU4R	GR-1D	117
UR2R	URKO-3D	132	KK3P	KI-3D.P	22	HAW4	HAW-2D	70

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HY4	HY-17	20
HY4P	HY-3.P2	19
IN4	ILC-6D	71
KK4	KI-4D	22
KK4P	KI-4D.P	22
L4	LWO-5D	74
L4A1	LAS-6D	119
L4RM	LAS-KT	119
LC4	LIN-6D	120
M4	MAS-12D	75
MIT4	MIT-7	27
MIT4P	MIT-7.P	27
MZ4	MAZ-1I	23
RA4	AMM-3	2
RA4	AMM-3E	200
RN4	RO-24I	126
RN4R	RO-24D	126
RU4	RUS-3	79
RV4	NE-52	34
RV4P	NE-52.P	34
S4	SAR-5D	85
SC4	SLG-4	85
SC4	SLG-4E	197
SC4	SLG-4S	183
SC4-AL BLUE	SLG-4.AA	157
SC4-AL BLACK	SLG-4.AB	157
SC4-AL LILAC	SLG-4.AL	157
SC4-AL DARK BLUE	SLG-4.AM	157
SC4-AL ORANGE	SLG-4.AN	157
SC4-AL PINK	SLG-4.AP	157
SC4-AL RED	SLG-4.AR	157
SC4-AL TURQUOISE	SLG-4.AT	157
SC4-AL GRAPE	SLG-4.AU	157
SC4-AL GREEN	SLG-4.AV	157
SC4-AL YELLOW	SLG-4.AY	157
SE4C	AF-1D	35
SS4	SEN-2D	86
SUZ4	SUZU-2D	48
SX4	SR-5	128
SZ4P	SUZU-16.P	49
SZ4R	SUZU-16	48
SZ4RP	SUZU-16D.P	49
TE4	TE-8I	87
TK4	TOK-44	129
TM4	TRM-8	88
WR4	WEI-2	89
WR4	WEI-2E	197
WS4	WAS-7I	9
X4	MAZ-1I	23
Y4	YA-80D	94
5D1R	RUS-4S	183
AG5	AGE-2D	104
ALP5	ALP-5D	105
AP5	CHI-11	59
B5	AMM-4	2

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BKS5	BK-19/13	108
CN5	CO-M	111
CLB5	CLB-3D	7
CO5	COR-83	61
DNDWR5	WEI-3C	184
DW05AP	DAE-4.P1	7
DW05RAP	DAE-4D.P1	7
DXG5	DX-36	65
ER5	ER-1D	113
FL5	FAL-26D	68
FL5G	WEI-6	89
FTH5	FTH-3	115
GE5	GE-1D	115
HY5	HY-3D	18
HY5P	HY-3D.P1	19
KA5SI	KA-3	118
KK5	KI-6	22
KK5P	KI-6.P	22
KM5	LAS-XS	13
KW5	KWI-9D	73
LC5	LIN-5D	120
LC5R	LIN-5I	120
M5	MAS-11D	75
MIT5	MIT-13D	27
MZ5	MAZ-1D	23
PA5	AU-W	2
RI5	RO-12I	126
RO5	NTC-9D	77
SS5	SEN-1D	86
SZ5P	SUZU-5.P	48
TK5	TOK-45	129
TO5	TV-15D	130
UN5	UN-5D	131
VR5	VI-4IP	133
WR5	WEI-3	89
WR5	WEI-3E	197
WR5-AL BLUE	WEI-3.AA	158
WR5-AL BLACK	WEI-3.AB	158
WR5-AL LILAC	WEI-3.AL	158
WR5-AL NAVY BLUE	WEI-3.AM	158
WR5-AL ORANGE	WEI-3.AN	158
WR5-AL PINK	WEI-3.AP	158
WR5-AL RED	WEI-3.AR	158
WR5-AL TOUR- QUOISE	WEI-3.AT	158
WR5-AL GRAPE	WEI-3.AU	158
WR5-AL GREEN	WEI-3.AV	158
WR5-AL YELLOW	WEI-3.AY	158
WR5-CM NAVY BLUE	WEI-3.CMA	167
WR5-CM SMOKE	WEI-3.CMB	167
WR5-CM CRYSTAL	WEI-3.CMC	167
WR5-CM ORANGE	WEI-3.CMN	167
WR5-CM RED	WEI-3.CMR	167
WR5-CM GRAPE	WEI-3.CMU	167
WR5-CM GREEN	WEI-3.CMV	167

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WR5-CM YELLOW	WEI-3.CMY	167
X5	MAZ-1D	23
Y5	YA-63D	92
YL5	YA-16D	92
6D1R	RUS-5S	183
AK6	ANK-4	105
AS6	AS-K7	106
BL6	CEM-JC	4
BUR6	BUR-8D	108
CE6	FO-TC	12
CLB6	CLB-3	7
CO6	COR-84	61
DE6	DX-5D	64
DE6	DX-5DE	194
DE6	DX-5DS	181
DE6-CM NAVYBLUE	DX-5D.CMA	165
DE6-CM SMOKE	DX-5D.CMB	165
DE6-CM CRYSTAL	DX-5D.CMC	165
DE6-CM ORANGE	DX-5D.CMN	165
DE6-CM RED	DX-5D.CMR	165
DE6-CM GRAPE	DX-5D.CMU	165
DE6-CM GREEN	DX-5D.CMV	165
DE6-CM YELLOW	DX-5D.CMY	165
DE6-PC BLUE	DX-5D.PA	171
DE6-PC SMOKE	DX-5D.PB	171
DE6-PC ORANGE	DX-5D.PN	171
DE6-PC RED	DX-5D.PR	171
DE6-PC GRAPE	DX-5D.PU	171
DE6-PC GREEN	DX-5D.PV	171
DE6-PC YELLOW	DX-5D.PY	171
DO6	DOI-4	66
DT6	DAT-3I	28
EV6	EV-1	114
FL6	FAL-27D	68
FT6	FO-FK	9
FT6R	FO-FR	9
FTH6	FTH-4	115
GE6	GE-21D	115
HY6	HY-4	19
HY6P	HY-4.P	19
HY6R	HD-2D	45
KM6	LAS-P	13
L6FM	LAS-4	119
L6S	LAS-FH	119
MIT6	MIT-18	28
MIT6P	MIT-18.P	28
NA6	NTL-2D	77
S6BW	BM-4	3
SC6	SLG-1	85
SC6	SLG-1E	196
SM6	RO-1I	35
TK6	TOK-46	129
TM6	TRM-2D	88
TO6	TV-3D	130
VL6	NE-12	41
VL6P	NE-12.P	41
X6	DAT-21	29

COMPETITOR CROSS REFERENCE

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
Y6	YA-82D	93	XL7	XL-1E	198	SIM9R	SM-3D	127
Y6	YA-82DE	199	YM7	OP-7	30	SM9C	RO-3	35
YH6R	YAMA-6D	49	ZD7-SI	ZA-12	47	SR9P	PR-1	125
YH6SI	YAMA-6I	49	AS8	AS-L7	106	SU9L	SR-1I	128
YM6	OP-6	30	BKS8	BK-19/16	108	TM9	TRM-1	88
BKS7	BK-19/15	108	BUR8	BUR-2I	108	X9	VO-HV	40
BUR7	BUR-2D	108	CLB8	CLB-4	7	YH9	YAMA-2I	49
CB7	COR-1D	60	CU8	BS-7D	26	YM9	OP-9	30
CLB7	CLB-4D	7	DE8	DX-6D	64	ZD9P-SI	ZA-1.P	47
CO7	COR-62	61	DT8	DAT-4D	28	AS10	AS-T7	107
CO7	COR-62E	194	EL8	ILC-10D	72	B10	GM-32	15
CU7	BS-7	26	FC8	FO-TX1	12	CLB10	CLB-5D	7
DT7	DAT-4I	28	FL8	FAL-29D	68	CO10	CCL-1D	57
FB7	SKO-2	48	IN8	ILC-7D	71	CS10	CE-2D	110
FC7	FO-TX	12	IN8	ILC-7DE	195	CU10	BS-8	26
FC7P	FO-TX.P	12	KA8-SI	KA-5	118	DAV10	DAV-1	23
FC7P	FO-TX.PS	186	KK8P	KI-10D.P3	22	DM10	DOM-1D	112
FL7	FAL-28D	68	KM8	LAS-R	31	DND-KW10	KWI-2DC	181
H7LA	VA-RA	132	LC8	LIN-3I	120	DXB10	DX-14	65
H7LB	VA-RB	132	PA8	AU-HV	2	DXC10	DX-17	65
H7LC	VA-RC	132	PA8P	AU-HV.P1	2	DXD10	DX-20	65
H7LD	VA-RD	132	SC8	SLG-11	85	EL10	ELG-1	67
H7LDH	VA-RDH	132	SC8	SLG-11E	197	FL10	FAL-31D	68
H7LE	VA-RE	132	SMS8	CHR-4D	35	FT10	FO-PRL	12
H7LF	VA-RF	132	TK8	TOK-47	129	FT10R	FO-PRR	12
H7LG	VA-RG	132	TL8	TRI-12D	130	H10F	VA-8D	132
H7LH	VA-RH	132	TM8	TRM-3D	88	HD10	HOND-5D	45
H7RA	VA-LA	132	VL8	NE-18	41	LF10	LF-27	121
H7RB	VA-LB	132	VL8P	NE-18.P	41	KW10	KWI-2D	73
H7RC	VA-LC	132	X8	VO-VA	41	KW10	KWI-2DE	195
H7RD	VA-LD	132	YM8	OP-8	30	KW10	KWI-2DS	182
H7RE	VA-LE	132	9CS	CI-DL	111	KW10-CM BLUE	KWI-2D.CMA	166
H7RF	VA-LF	132	9CX	CI-28D	111	KW10-CM SMOKE	KWI-2D.CMB	166
H7RG	VA-LG	132	9D	DOM-5D	112	KW10-CM CRYSTAL	KWI-2D.CMC	166
H7RH	VA-LH	132	AS9	AS-T5	106	KW10-CM ORANGE	KWI-2D.CMN	166
HD7	HOND-27D	46	BR9	UN-4	4	KW10-CM RED	KWI-2D.CMR	166
HF7	ME-15	25	BUR9	BUR-28	109	KW10-CM GRAPE	KWI-2D.CMU	166
KM7	LAS-SX	13	CLB9	CLB-5	7	KW10-CM GREEN	KWI-2D.CMV	166
LF7	LF-2	121	CU9	BS-8D	26	KW10-CM YELLOW	KWI-2D.CMY	166
LP7	LIP-33	120	DE9	DX-37	65	KW10-PC BLUE	KWI-2D.PA	172
LP7R	LIP-33D	120	DNDSC9	SLG-5C	183	KW10-PC BLACK	KWI-2D.PB	172
MIT7	MIT-17	28	ES9	ESP-1	67	KW10-PC ORANGE	KWI-2D.PN	172
RO7	NTC-7D	77	FC9	FO-TX2	12	KW10-PC RED	KWI-2D.PR	172
RO7	NTC-7DE	196	FL9	FAL-30D	68	KW10-PC GRAPE	KWI-2D.PU	172
RU7	RUS-47	81	IL9	ILL-2D	72	KW10-PC GREEN	KWI-2D.PV	172
S7BWP	BM-5.P	3	KW9	KWI-3D	73	KW10-PC YELLOW	KWI-2D.PY	172
SC7	SLG-12	85	LF9	LF-24	121	LS10	LASB-2	120
SM7	RO-1D	35	MZ9	MAZ-2D	23	M10	MAS-9	75
T7	TAY-3	87	NE9	NE-37	9	M10	MAS-9E	195
T7	TAY-3E	197	NS9CS	CI-4D	111	M10	MAS-9S	182
TK7	TOK-21	129	NSR9CS	CI-4I	111	MZ10	MAZ-2I	23
TM7	TRM-4	88	R9CS	CI-IL	111	NE10	BH-1	23
VR7	VI-2I	133	S9P	PR-1D	125	OM10	PLL-1	8
VR7	VI-2IE	197	SC9	SLG-5	85	S10	SAR-4D	85
X7	DAT-21D	29	SC9	SLG-5E	197	S10LAAP	GIOB-3.P	1
XL7	XL-1	90	SC9	SLG-5S	183	SIM10	SM-1	127

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SC10	SLG-9	85
SZ10RP	SUZU-11D.P	48
TK10	TOK-37	129
TM10	TRM-9D	88
X10	DAT-8	28
AS11	AS-V5	106
B11	GM-31	15
BKS11	BK-19/19	108
BUR11	BUR-1D	108
CLB11	CLB-6	7
CS11	CE-2I	110
DM11	DOM-18D	113
EL11	ELG-2	67
HD11	HOND-6I	45
HF11	OP-DD	30
KA11	KAW-1I	47
KW11	KWI-5D	73
KW11	KWI-5DE	195
IL11	TIM-1D	88
IL11	TIM-1DE	197
LS11	LASB-2D	120
M11	MAS-5D	75
M11	MAS-5DE	195
ME11	MEC-5D	122
MZ11	MAZ-14	24
OP11	OP-CC	30
RO11	NTC-8D	77
SB11	AS-1D	35
SUZ11	SUZU-5	48
TK11	TOK-63	129
TL11	TRI-18D	130
TL11R	TRI-18	130
WS11	WAS-1	13
Y11	YA-44D	93
Y11	YA-44DE	198
AS12	AS-V7	107
BH12-SI	BH-5	4
BKS12	BK-19/20	108
BUR12	BUR-1I	108
CLB12	CLB-7	7
CO12	CCL-32	57
CS12	CE-1D	110
CU12	BS-9	26
HD12	HOND-5I	45
HY12	HY-6D	19
HY12P	HY-6D.P	19
KW12	KAW-5	47
LF12SI	VO-1	40
M12	MAS-3D	75
M12	MAS-3DE	195
MZ12	DAT-5D	28
NA12	NTR-2D	77
NA12	NTR-2DE	196
SUZ12	SUZU-11D	48
TK12	TOK-67	129
Y12	YA-45D	93

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Y12	YA-45DE	198
AB13	ABU50	103
AS13	AS-EL5	106
BKS13	BK-19/21	108
BUR13	BUR-13D	109
CLB13	CLB-7D	7
CS13	CE-1I	110
EA13	EAG-5D	66
HD13	HOND-7D	45
HY13	HY-5	19
HY13P	HY-5.P	19
HY13P	HY-5.PS	188
HYD13	HD-4D	45
KA13	KAW-4	47
LA13	CAM-1D	47
M13	MAS-13D	75
M13	MAS-13DE	195
MS13	TOYO-24	39
MZ13	MAZ-3D	23
MZ13P	MAZ-3D.P	23
MZ13R	MAZ-3I	23
NE13	NE-15I	32
RO13	NTC-6	77
TK13	TOK-48	129
TM13	TRM-11D	88
Y13	YA-44	93
Y13	YA-44E	198
AB14	ABU60	103
AS14	AS-EL7	107
AS14L	AS-RC7	106
CLB14	CLB-8	7
CS14	CE-131D	110
HD14	HOND-6D	45
HY14	HY-10	19
HY14P	HY-10.P	19
KA14	KAW-3	47
KW14AP	KAW-6.P	47
LF14	LF-5	121
M14	MAS-8	75
NA14	NTC-1D	77
NA14	NTC-1DE	196
SZ14RAP	SUZU-12D.P	48
TK14	TOK-38	129
TM14	TRM-10D	88
Y14	YA-45	93
Y14	YA-45E	198
ZD14RP	ZA-2.P	51
15K	MAS-9S	182
AB15	ABU-40	103
AS15	AS-AL5	106
AU15	HU-MN	3
BKS15	BK-19/23	108
BUR15	BUR-29D	109
CLB15	CLB-8D	7
HF15	ME-15D	25
HY15	HY-13D	20

CROSS REF.	REF.	PAG.
HY15P	HY-13D.P3	20
KA15	KAW-1D	47
KW15BP	KAW-7.P	47
MB15	ME-HZ	25
MB15P	ME-HZ.P	25
RO15	NTC-15D	77
SC15	SLG-16	85
SUZ15	SUZU-10	36
SUZ15P	SUZU-10.P	36
TK15	TOK-39	129
TM15	TRM-14D	88
AB16	ABU-27D	103
AS16	AS-AL7	107
CG16	CHI-12D	59
CG16	CHI-12DE	193
HY16	HY-14	20
HY16	HY-12	20
HY16P	HY-12.P3	20
LF16	LF-4I	121
M16	MAS-9D	75
M16	MAS-9DE	195
M16	MAS-9DS	182
MB16	ME-HF	25
MZ16	MAZ-20D	24
MZ16P	MAZ-20D.P	24
RU16	RUS-6	81
TK16	TOK-8	129
TM16	TRM-13	88
UN16	UN-FR	4
YH16	YAMA-1D	49
YM16	ME-L	26
ZD16RP	ZA-4D.P	51
AS17	AS-EK5	106
BKS17	BK-19/25	108
CO17	CCL-2D	57
CG17	CHI-13D	59
CG17	CHI-13DE	193
HY17	HY-11	20
HY17P	HY-11.P3	20
M17	MAS-21D	76
MB17	ME-HM	25
MD17	MAS-16D	75
MD17	MAS-16DE	195
MZ17	MAZ-19D	24
SUZ17	SUZU-8	36
SUZ17P	SUZU-8.P	36
TK17	TOK-40	129
TM17	TRM-12	88
ZD17RAP	ZA-7D.P	51
AB18	ABU-2D	103
AS18	AS-EK7	107
BKS18	BK-19/26	108
BR18R	IN-5	4
DX18R	DX-23	65
HY18P	HY-19D.P3	20
LS18	LASB-1	120

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
M18	MAS-31D	76	HF22	FO-OR	12	EA27	HAR-11E	194
MB18	ME-HD	25	RU22	RUS-50	81	H27	FO-32D	11
MB18P	ME-HD.P	25	S22	SAR-7E	196	MZ27	MAZ-13D	24
NE18	NE-4	32	SC22	SLG-2	85	MZ27	MAZ-13DE	201
SUZ18	SUZU-12D	48	TK22	TOK-50	129	MZ27P	MAZ-13D.P1	24
SUZ18P	SUZU-12D.P	48	VC22	VA-12D	133	TK27	TOK-43	129
SUZ18P	SUZU-12D.PS	189	X22	FO-XR	12	X27	MAZ-2I	23
TK18	TOK-49	129	YM22	OP-HB	30	YH27	YAMA-5D	49
TM18	TRM-15D	88	ZD22RBP	ZA-6D.P1	51	YM27	OP-HH	30
AB19	ABU-1D	103	AB23	ABU-51D	103	AS28	AS-GK7	107
AS19	AS-AK5	106	BKS23	BK-19/31	108	DA28	DAT-18	29
BKS19	BK-19/27	108	DA23	DAT-2I	28	IN28	ILC-5D	71
CO19	CCL-3D	57	DA23P	DAT-2I.P	28	TK28	TOK-52	129
LF19	LF-15	121	DM23	DOM-29	113	TR28	TOYO-4	37
LS19	LASB-1D	120	HF23	FO-OL	12	TR28P	TOYO-4.P	37
M19	MAS-19	75	LF23	LF-8	121	X28	YA-20D	34
M19	MAS-19E	196	TA23	TOYO-6	37	YH28	YAMA-5I	49
MZ19	MAZ-17D	24	TK23	TOK-42	129	YH28P	YAMA-22D.P	50
MZ19P	MZ-17D.P	24	YM23	OP-NA	30	YH28BP	YAMA-18D.P	50
RT19	LMP-2	31	ZD23RCP	ZA-9.P	51	YH28RP	YAMA-22I.P	50
SC19	SLG-14	85	24B-AUS	LWO-8	121	YH28RBP	YAMA-18I.P	50
SUZ19	SUZU-18	49	AS24	AS-S7	106	ZD28RFP	ZA-6D.P	51
TK19	TOK-41	129	BKS24	BK-19/32	108	AS29	AS-DK5	106
TM19	TRM-16D	88	DA24	DAT-2D	28	CS29	CE-110	110
AB20	ABU-1	103	IN24	ILC-9D	72	IN29	ILC-3	71
AS20	AS-AK7	107	LF24	LF-42	121	LP29	LIP-2	120
DA20	DAT-11D	28	NA24	NTR-1D	77	LP29R	LIP-2D	120
DXB20	DX-15	65	RN24P	NE-22.P	32	MZ29	MAZ-18D	24
DXC20	DX-18	65	TK24	TOK-22	129	RN29	VA-10	2
DXD20	DX-21	65	YH24	YAMA-7D	49	TK29	TOK-71	129
LF20	LF-25	121	YM24	OP-NB	30	VC29	VA-7	33
LF20S	LF-40	121	ZD24RDP	ZA-9.P1	51	X29	NE-10	41
M20	MAS-18D	75	CS25	CE-3I	110	YH29	YAMA-7I	49
M20	MAS-18DE	196	DA25	DAT-12	29	YH29P	YAMA-23D.P	50
NE20	NE-3	9	DA25	DAT-12S	188	YH29BP	YAMA-19D.P	50
SC20	SLG-6	85	DA25P	DAT-6.P	28	YH29RP	YAMA-23I.P	50
SL20	SLY-14	86	DM25	DOM-55D	113	YH29RBP	YAMA-19I.P	50
SUZ20P	SUZU-19D.P	37	M25	MAS-25D	75	YM29	OP-AB	30
TK20	TOK-68	129	MZ25	MAZ-8D	23	AS30	AS-DK7	107
TM20	TRM-17D	88	MZ25P	MAZ-8D.P	23	CS30	CE-100D	110
VW20	VO-VA	41	NA25	NTL-1D	77	DA30	DA-14	29
YH20	YAMA-1I	49	NA25	NTL-1DE	196	DA30P	DAT-14.P	29
AB21	ABU-2I	103	RN25	NE-16	33	DXB30	DX-16	65
AS21	AS-EM5	106	SP25AP	AF-14P	1	DXC30	DX-19	65
DM21	DOM-26D	113	TK25	TOK-70	129	DXD30	DX-22	65
HF21	OP-FF	30	TR25	TOYO-35D	39	RN30	NE-20	31
M21	MAS-2D	75	YM25	OP-HG	30	S30FDP	FO-6.P	12
M21	MAS-2DE	195	CO26	CCL-12	57	TK30	TOK-53	129
TK21	TOK-69	129	CO26	CCL-12E	193	X30	NE-9	41
VC21	VA-59	133	CS26	CE-3D	110	YH30	YAMA-15D	49
X21	FO-XL	12	M26	MAS-24D	75	YH30P	YAMA-24D.P	50
YM21	OP-HA	30	TK26	TOK-51	129	YH30BP	YAMA-20D.P	50
ZD21P	ZA-8.P	51	X26	MAZ-2D	23	YH30RP	YAMA-24I.P	50
AS22	AS-EM7	107	AS27	AS-GK5	106	YH30RBP	YAMA-20I.P	50
CG22	CHI-14	59	DM27	DOM-1I	112	YM30	OP-BA	30
DM22TVP	DOM-32	113	EA27	HAR-1I	70	CS31	CE-101D	110

CROSS REF.	REF.	PAG.
DA31	DAT-22	29
DA31	DAT-22S	188
DA31P	DAT-22.P	30
DA31P	DAT-22.PS	188
DM31	DOM-36D	113
HON31P	HOND-4I.P	45
HON31AP	HOND-4I.P1	45
HON31RP	HOND-4D.P	45
HON31RAP	HOND-4D.P1	45
HON31RBP	HOND-4D.P2	45
MZ31	MAZ-11D	24
RN31	NE-28	33
TK31	TOK-54	129
YH31R	YAMA-21I	50
YH31RAP	YAMA-21I.P	50
AS32	AS-X7	107
CS32	CE-99D	110
DA32	DAT-19	29
DA32P	DAT-19.P	29
DM32	DOM-36	113
HON32P	HOND-1.P	17
PH32	PHI-32	78
S32FJP	JAU-1.P	13
TK32	TOK-64	129
VC32	VA-13I	132
YH32	YAMA-15I	49
HON33P	HOND-2.P	17
IN33	ILC-2D	71
IN33	ILC-2DE	194
LS33	LASB-3D	120
NE33	VO-N	40
S33P	UN-47	132
S33FDP	FO-4.P	12
TK33	TOK-66	129
TR33	TOYO-12	38
TR33	TOYO-12E	202
TR33	TOYO-12S	189
TR33P	TOYO-12.P	38
V33	VA-17.P	34
VC33	VA-13D	132
YH33	YAMA-17I	49
AS34	AS-Z7	107
DA34	DAT-16	29
DA34	DAT-16S	188
DA34P	DAT-16.P	29
DA34P	DAT-16.PS	188
NE34	CHR-3	32
S34YSP	ME-10.P	25
TK34	TOK-72	129
VC34	YAMA-17D	49
YH34	VA-4D	132
YH34P	YAMA-27.P	50
AS35	AS-FK5	106
CO35	COR-168	61
DA35	DAT-15	29
IN35	ILC-8D	71

CROSS REF.	REF.	PAG.
TK35	TOK-24	129
V35P	AU-AH.P	2
YH35	YAMA-14I	49
YH35RBP	YAMA-26D.P	50
AS36	AS-FK7	107
CO36	COR-45	61
TK36	TOK-73	129
X36	MAZ-14	24
YH36	YAMA-14D	49
37D	YA-30	139
AS37	AS-BK5	106
CB37	COR-175	61
DA37	DAT-20	29
DA37P	DAT-20.P	29
FT37	IMS-5	2
TK37	TOK-55	129
TR37	TOYO-13	38
TR37	TOYO-13E	202
V37P	VO-AH.P	41
V37P	VO-AH.PS	189
X37	TOYO-4	37
YH37	YAMA-12I	49
AS38	AS-BK7	107
DA38	DAT-10	28
DA38P	DAT-10.P	28
FT38	IMS-3	2
HF38	OP-R	31
HON38RP	HOND-13.P	18
TK38	TOK-65	129
YH38	YAMA-12D	49
DA39	DAT-23	30
HON39P	HOND-19D.P	46
HON39P	HOND-19D.PS	187
MB39	ME-HY	26
MB39P	ME-HY.P	26
TK39	TOK-74	129
TR39	TOYO-10	38
TR39	TOYO-10E	202
YH39	YAMA-3I	49
AS40	AS-BM7	107
HF40	BM-NB	3
NE40	NE-5	33
TR40	TOYO-20D	39
TR40	TOYO-20DE	202
TR40	TOYO-20DS	189
TR40P	TOYO-9.P	38
YH40	YAMA-3D	49
AS41	AS-24D	35
MB41	ME-HU	26
MB41P	ME-HU.P	26
TK41	TOK-4D	129
CS43	CE-134	110
HF43	OP-J	31
HU43P	OP-WH.P	31
AS44	AS-FL7	107
B44	GM-8	14

CROSS REF.	REF.	PAG.
B44	GM-8E	201
B44	GM-8S	186
B44P	GM-8.P	14
CS44	CE-77	110
F44	AF-7I	1
HO44	HOND-3D	45
NE44	NE-56	32
TR44	TOYO-33D	39
X44	HOND-3D	45
YH44	YAMA-13D	49
B45	GM-12	14
B45	GM-12E	201
B45	GM-12S	186
B45P	GM-12.P	14
CR45	COR-219	63
CS45	CE-50	110
FCT45	FIC-2	114
HD45	HOND-3I	45
NE45	LMP-5	31
RU45	RUS-4	79
RU45	RUS-4E	196
RU45	RUS-4S	183
YH45	YAMA-13I	49
AS46	AS-BL7	107
B46	GM-9	14
B46	GM-9S	186
B46P	GM-9.P	14
CR46	COR-215	63
CS46	CE-78	110
RU46	RUS-5	79
RU46	RUS-5E	196
RU46	RUS-5S	183
TR46	TOYO-34	39
TR46P	TOYO-10.P1	38
YH46	YAMA-18I	50
AS47	AS-GL5	106
B47	CM-13	14
B47	GM-13S	186
B47P	GM-13.P	14
CS47	CE-79	110
NE47	LMP-4	31
TR47	TOYO-15	38
TR47	TOYO-15E	202
TR47	TOYO-15S	189
TR47P	TOYO-15.P	38
TR47P	TOYO-15.PS	189
YH47	YAMA-18D	50
AS48	AS-GL7	107
B48	GM-6	14
B48	GM-6E	201
B48	GM-6S	186
B48P	GM-6.P	14
CS48	CE-80	110
FT48	AF-13	1
NE48	NE-11	34
S48HFP	ME-2.P	25

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
X48	YAMA-4D	49	AS54	AS-GM7	107	S60	ZE-K5	135
YH48	YAMA-19I	50	B54	GM-47D	16	S60HFP	HU-DH.P	41
AS49	AS-DL5	106	CS54	CE-83	110	S60R	ZE-K6	135
B49	GM-10	14	F54	CL-5D	8	UN60	UN-21I	131
B49	GM-10E	201	H54	FO-20D	10	UN60L	UN-37I	131
B49	GM-10S	186	H54	FO-20DE	200	ZI-60-5	COR-8S	181
B49P	GM-10.P	14	H54	FO-20DS	186	ZI-60-6	COR-9S	181
CS49	CE-55	110	N54G	FR-14D	69	61B	BRE-2	108
S49HFP	ME-3.P	25	NE54	FI-3D	8	61G	AF-4D	1
YH49	YAMA-19D	50	P54F	DOI-5	66	61JD	RO-10D	126
AS50	AS-DL7	107	S54F	DOI-1	66	61P	RO-1IS	35
B50	GM-7	14	UN54	UN-24D	131	61Q	AS-E5	106
B50	GM-7E	201	UN54L	UN-40D	131	61T	AS-A5	106
B50	GM-7S	186	X54	TOYO-14	16	61W	AS-N5	106
B50P	GM-7.P	14	Y54	YA-25D	92	61X	AS22	107
CS50	CE-56	110	AS55	AS-AM5	106	A61T	AS-A7	106
H50	FO-19	10	B55	GM-45D	16	A61Q	AS-E7	106
H50	FO-19E	200	CS55	CE-84	110	A61W	AS-N7	106
H50	FO-19S	186	H55	FO-26D	10	AR61Q	AS-F7	106
S50HFP	ME-4.P	25	YM55	YAMA-16D	49	AR61T	AS-B7	106
UN50	UN-21D	131	AS56	AS-AM7	107	AR61W	AS-P7	106
UN50L	UN-37D	131	B56	GM-46D	16	B61	OP-S	16
YH50	YAMA-20I	50	CS56	CE-85	110	B61	OP-SS	188
AS51	AS-DM5	106	H56	FO-33D	11	B61Y	WA-5DP	134
B51	GM-11	14	NE56	FI-8I	8	DM61	DOM-7D	112
B51	GM-11E	201	UN56	UN-26D	131	H61V	ANA-1	105
B51	GM-11S	186	UN56L	UN-42D	131	H61VR	NE-25	4
B51P	GM-11.P	14	YM56	YAMA-16I	49	HV61	RO-16D	35
CS51	CE-57	110	B57	ISU-2	21	HVR61	RO-16I	35
H51	FO-21D	10	CS57	CE-86	110	R61G	AF-4I	1
H51	FO-21DE	201	UN57	UN-25D	131	R61JD	RO-10I	126
H51	FO-21DS	186	UN57L	UN-43D	131	R61P	RO-1DS	35
UN51	UN-19D	131	CS58	CE-87	110	R61Q	AS-F5	106
UN51L	UN-35D	131	HO58	HOND-19	46	R61T	AS-B5	106
X51	NE-1	3	HO58	HOND-19S	187	R61W	AS-P5	106
YH51	YAMA-20D	50	S58HFP	ME-12.P	25	T61C	TOYO-K1	37
AS52	AS-DM7	107	UN58	UN-22D	131	T61CP	TOYO-K1.P	37
B52	GAS-3	13	UN58L	UN-38D	131	T61F	TOYO-2	37
CS52	CE-81	110	B59	GM-44D	16	UN61	UN-19I	131
H52	FO-37	11	CS59	CE-88	110	UN61L	UN-35I	131
RU52	RUS-12	81	H59	FO-28D	10	VR61S	RO-7I	32
UN52	UN-20D	131	UN59	UN-27D	131	X61	NE-5	33
UN52L	UN-36D	131	UN59L	UN-41D	131	62DC	UN-MRN	4
X52	SAA-AC	35	X59	BM-HB	3-45	62DG	UN-44	2
Y52	YA-13D	92	Z1-59A1-6	COR-116S	181	62DJ	UN-NC	5
Y52	YA-13DE	198	Z1-59A2-6	COR-117S	181	62DM	UN-FFE	4
AS53	AS-GM5	106	Z1-59B1-6	COR-118S	181	62DP	UN-FP	4
B53	GM-2	17	Z1-59B2-6	COR-119S	181	62DS	UN-1FS	4
CS53	CE-82	110	Z1-59C1-6	COR-120S	181	62DT	DAT-21	29
H53	FO-38D	11	Z1-59C2-6	COR-121S	181	62DT	DAT-21S	188
RU53	RUS-1	79	Z1-59D1-6	COR-122S	181	62DU	DAT-21D	29
S53HFP	ME-6.P	25	Z1-59D2-6	COR-123S	181	62DU	DAT-21DS	188
TR53	TOYO-17	39	DM60	DOM-12D	112	62DV	DAT-8	28
TR53P	TOYO-17.P	39	H60	FO-11D	9	62EV	EV-3D	114
UN53	UN-23D	131	H60	FO-11DE	200	62FS	UN-FS	132
UN53L	UN-39D	131	H60	FO-11DS	185	62FT	UN-FT	132

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62HD	YA-18D	34
62HE	YA-20D	34
62HF	YA-21I	34
62HG	YA-20I	34
62LG	LEG-1D	120
62R	RO-6I	35
62U	RO-6D	35
62UC	RO-4D	35
62VG	HU-P	4
62Z	RO-2D	35
AB62C	ABU-42D	103
AB62CR	ABU-42	103
B62	GM-16	14
B62B	BRE-1D	108
B62P	GM-16.P	14
CO62	COR-55D	63
H62	FO-29D	10
H62BM	VA-19	132
H62CM	VA-21	132
H62DM	VA-22	132
H62DP	IN-1	4
H62DR	IN-4	4
H62FD	FO-OA	12
H62KB	VA-2	132
H62P	FO-29D.P	10
HR62FD	FO-PN	12
L62DM	UN-46D	131
L62US	CE-6D	110
L62UC	RO-5D	6
LR62US	CE-6I	110
R62B	BRE-1	108
R62CA	CENT-1D	109
R62DG	UN-44D	2
R62DM	UN-3	4
R62EV	EV-3I	114
R62US	CE-5	110
R62UC	RO-4I	6
R62X	JWL-2D	118
R62Z	RO-2I	35
S62US	CE-4D	110
U62VP	OP-BB	30
UN62	UN-20I	131
UN62L	UN-36I	131
UR62VP	OP-EE	30
X62	YAMA-13D	49
63H	LAS-5	13
63P	RO-11D	32
63PX	VA-6	32
63Y	HU-SX	3
B63	GM-17	14
B63P	GM-17.P	14
CO63	CCL-5D	57
DM63	DOM-12	112
H63	FO-40D	11
HD63	HOND-4D	45
HD63	HOND-4DS	187

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HD63P	HOND-4D.P	45
N63G	LAS-U	31
NR63G	LAS-X	31
R63	FNL-1D	68
R63H	LAS-5D	13
UN63	UN-23I	131
UN63L	UN-39I	131
X63	YAMA15I	49
YM63	YAMA-26D	50
B64	GM-19	14
B64P	GM-19.P	14
D64	DOM-2D	112
HON64BP-SI	HOND-43.P	46
HON64RBP-SI	HOPND-43D.P	46
HU64P	ME-7.P	25
R64	FNL-2D	68
UN64	UN-24I	131
UN64L	UN-40I	131
YM64	YAMA-6D	49
65CE	FB-19	36
B65	GM-4	17
B65	GM-4E	201
B65P	GM-4.P	17
B65P	GM-4.P1	17
DM65-11	DOM-27D/11	113
DM65-17	DOM-27D/17	113
DM65-20	DOM-27D/20	113
H65	FO-9D	9
H65P	FO-9D.P	9
P65A	DU-1	31
R65F	SEL-1I	127
H66	FO-39D	11
H66P	FO-8D.P1	9
HU66P	HU-HAA.P1	40
S66NNP	NE-40.P	42
UN66	UN-26I	131
UN66L	UN-42I	131
67	DX-5DS	181
67U	RU-2D	126
B67	GM-42D	16
H67	FO-8D	9
H67	FO-8DE	200
H67P	FO-8D.P	9
H67P	FO-8D.PS	185
S67NNP	NE-41.P	42
UN67	UN-25I	131
UN67L	UN-43I	131
X67	YAMA-5I	49
B68	GM-22	15
B68P	GM-22.P	15
CO68	CCL-11	58
CO68	CCL-11E	193
HD68	HOND-8I	45
S68	SAR-2D	81
S68	SAR-2DE	196
UN68	UN-22I	131

CROSS REF.	REF.	PAG.
UN68L	UN-38I	131
X68	YAMA-5D	49
B69	GM-29D	15
S69	SAR-9D	85
UN69	UN-27I	131
UN69L	UN-41I	131
X69	YAMA-12I	49
AS70	AS-FM7	107
H70	FO-12	9
H70P	FO-12.P	10
HD70	HOND-1	17
HD70U	HOND-34	17
HD71	HOND-2	17
NE71R	NE-35	34
NE71RDP	NE-35.P2	34-48
VW71	VO-M	41
VW71A	VO-R	41
X71	HOND-34	17
AS72	AS-D7	107
B72P	DAI-1.P	7
X72	YAMA-14D	49
73VB	VO-HV	40
73VBP	VO-HV.P	41
VO73	NE-10	41
VO73S	NE-9	41
X73	YAMA-14I	49
AS74	AS-H7	107
NE74P-SI	NE-45.P	48
X74	YAMA-17D	49
AS75	AS-U5	106
H75	FO-15D	10
H75	FO-15DE	200
H75	FO-15DS	186
H75P	FO-15D.P	10
H75P	FO-15D.PS	186
HD75	HOND-4I	45
HD75	HOND-4IS	187
HD75P	HOND-4I.P	45
X75	YAMA-17I	49
AS76	AS-U7	107
H76	FO-23D	9
H76G	HOND-7I	45
H76P	FO-23D.P	9
X76	YAMA-15D	49
AS77	AS-W5	106
B77	GM-18	14
B77P	GM-18.P	14
X77	YAMA-12D	49
AS78	AS-W7	107
B78	GM-20	14
B78P	GM-20.P	14
H78	FO-30D	11
H78P	FO-30D.P1	11
Y78	YA-54D	94
B79	GM-43	16
80S	SA-2	126

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
AS80	AS-DD7	106	CO91	COR-63	62	ZE91C	CA-4D	109
B80	GM-24	17	CO91	COR-63E	194	ZE91CR	CA-4I	109
B80P	GM-24.P	17	CR91	COR-217	63	B92	GM-36	15
UN80	UN-13I	131	CS91	CI-20	111	B92	GM-36E	201
UN80L	UN-29I	131	CS91C	CI-4IP	111	B92P	GM-36.P	16
X80	NE-12	41	CS91CR	CI-4DP	111	CO92	COR-101	62
UN81	UN-14I	131	CS91E	CI-5DP	111	CR92	COR-180	63
UN81L	UN-30I	131	CS91ER	CI-5IP	111	HD92	HOND-40D	1
AS82	AS-HH7	106	CS91FR	CI-22D	111	HD92P	HOND-40D.P	1
HD82	HOND-12	17	F91C	AF-5D	1	HU92RP	BM-6.P	3
HD82P	HOND-12.P	18	F91C2	AF-6I	1	X92	NE-16	33
UN82L	UN-31I	131	F91C8	AF-6D	1	B93	GM-35	15
X82	ME-HU	26	F91CR	AF-5I	1	B93P	GM-35.P	15
UN83	UN-17I	131	F91E	FEM-1D	1	CO94	COR-60	62
UN83L	UN-33I	131	F91F	FEM-1I	1	CR94	COR-181	63
X83	ME-HY	26	F91G	FEM-2D	1	X94	HD-1D	45
AS84	AS-NN7	107	F91H	FEM-2I	1	CO95	COR-57	62
B84	GM-23	15	GU91B	GR-3D	117	CR95	COR-182	63
B84P	GM-23.P	15	GU91F	GR-2I	117	X95	HD-1	45
B85	GM-41	16	GU91G	GR-2D	117	B96	GM-40	35
B86	GM-14	14	HD91	HOND-15	18	B96P	GM-40.P	35
B86	GM-14E	201	HD91P	HOND-15.P	18	HD96	HOND-39D	1
B86	GM-14S	187	JO91C	JWL-6	118	X96	HD-2	45
B86P	GM-14.P	14	KS91C	BK-1D	108	CO97	COR-7	60
B86P	GM-14.PS	187	MG91C	MGA-1D	122	HD97	HOND-41D	1
H86	FO-27D	10	MG91N	MGA-1	122	X97	HD-3	45
H86	FO-27DS	186	PR91A	PR-5I	125	CO98	COR-58	62
H86P	FO-27D.P	10	PR91C	PR-7	125	X98	HD-3D	45
X86	FO-TX	12	PR91CS	PR-10	125	HD99	HOND-38D	1
CO87	COR-8	60	PR91M	PR-16	125	HD99P	HOND-16D.P1	1
CO87	COR-8E	193	PR91N	PR-5D	125	100AM	CHI-11	59
CR87	COR-218	63	PR91NS	PR-4I	125	100-E	SLG-11S	183
X87	SUZU-5	48	PR91SA	PR-4D	125	100-C	SLG-3S	183
B88	GM-21	35	SE91L	SEL-1D	127	101AM	CHI-9D	59
B88P	GM-21.P	35	SEL91	SEL-2D	127	101-C	SLG-4S	183
CO88	COR-9	60	SEL91R	SEL-2I	127	101-CE	SLG-8S	183
CO88	COR-9E	194	SES91	SEL-4D	127	101-E	SLG-5S	183
CR88	COR-216	63	SOS91	SOS-1D	127	101-EF	SLG-10S	183
X88	AU-HV	2	ST91A	CE-5D	110	101-F	SLG-9S	183
B89	GM-30	15	ST91F	STUV-1D	128	B101	HOND-32D	18
B89	GM-30E	201	ST91V	STUV-1I	128	HD101	HOND-37D	1
B89P	GM-30.P	15	TO91	TOK-5D	129	HD101P	HOND-37D.P	1
CO89	COR-56	62	V91E	VA-33D	133	RU101	RUS-14D	80
CO89	COR-56E	194	V91N	VA-1	132	102AM	CHI-10D	59
X89	LAS-V	31	VR91	VI-1I	133	B102	GM-39	16
HD90	HOND-10	17	VR91A	VI-2D	133	B102P	GM-39.P	16
HD90	HOND-10E	201	VR91AR	VI-2I	133	CO102	COR-102	62
HD90P	HOND-10.P	17	VR91B	VI-4IP	133	103AM	CHI-8D	59
LXP90P	TOYO-18.P	39	VR91BR	VI-4DP	133	HD103	HOND-16D	18
B91	GM-34	15	VR91C	VI-6D	133	HD103	HOND-16DE	201
B91	GM-34E	201	VR91R	VI-1D	133	HD103	HOND-16DS	187
B91P	GM-34.P	15	W91C	WIL-1D	134	HD103P	HOND-16D.P	18
CA91	CA-1I	109	WA91	WA-4I	134	HD103P	HOND-16D.PS	187
CA91A	CA-15I	109	WA91L	WA-5I	134	X103	KAW-3	47
CA91B	CA-2I	109	WA91W	WA-4D	134	Y103	YA-54D	93
CAV91	CA-3I	109	WA91WL	WA-5D	134	Y103	YA-54DE	198

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104AM	CHI-7D	59
X104	KAW-4	47
X105	KAW-11	47
B106	GM-37	35
B106	GM-37S	189
B106P	GM-37.P	35
B106P	GM-37.PS	189
CO106	HUD-3	58-71
CO106	HUD-3E	194
X106	KAW-1D	47
CO107	COR-59	62
X107	YAMA-13I	49
CO108	COR-103	62
HD109	HOND-33	46
B110	GM-38	16
B110P	GM-38.P	16
DM110	DOM-37D	113
X110	VO-N	40
X111	YAMA-16D	49
X112	YAMA-16I	49
00114	FO-19S	186
P114	GM-38	16
X114	DAT-2D	28
P115	GM-37	35
X115	DAT-2I	28
00116	FO-11DS	185
X117	YAMA-19I	50
X118	YAMA-19D	50
X119	YAMA-18D	50
X120	YAMA-18I	50
X121	MIT-2I	26
X122	VA-10	2
X123	DAT-12	29
X123	DAT-12S	188
X124	DAT-18	29
X129	HOND-12	17
X130	HOND-13	17
X131	MAZ-3D	23
X132	VO-9D	41
X137	TOYO-12	38
138	BH-3	36
X138	HOND-4I	45
X138	HOND-4IS	187
Y138	CHR-13D	
X140	NE-18	41
X143	GM-2	17
X144	BM-2	3
X145	GM-45D	16
X146	GM-46D	16
X147	NE-20	31
Y149	CHR-12	5
Y149	CHR-12E	200
X151	TOYO-10	38
Y152	CHT-8	5
Y152	CHR-8E	200
Y152	CHR-8S	185

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X153	YU-1D	42
Y153	CHR-18	6
Y153	CHR-18E	200
Y153P	CHR-8.P	5
Y153P	CHR-8.PS	185
X154	GM-47D	16
Y154	CHR-9	5
Y154	CHR-9E	200
Y154	CHR-9S	185
Y154P	CHR-9.P	5
Y154P	CHR-9.PS	185
Y155	CHR-10	5
Y155	CHR-10E	200
Y155	CHR-10S	185
Y155P	CHR-10.P	5
X156	AF-13	1
X157	LF-RO	4
Y157	CHR-14	6
Y157	CHR-14E	200
Y157	CHR-14S	185
Y157P	CHR-14.P	6
Y157P	CHR-14.PS	185
Y157P	CHR-14.PS1	185
X158	ISU-2	21
X159	TOYO-13	38
Y159	CHR-15	6
Y159	CHR-15E	200
Y159	CHR-15S	185
Y159P	CHR-15.P	6
Y159P	CHR-15.PS	185
X160	HY-15D	20
X161	HY-16	20
X162	GM-44D	16
170S	SA-1	126
X171	NE-28	33
X174	TOYO-20D	39
X176	MIT-16	27
X178	MAZ-20D	24
X179	SUZU-11D	48
U180G	UN-6D	131
X180	GM-29D	15
X181	HOND-10	17
X181	HOND-10E	201
X182	HOND-15	18
X183	HOND-40D	1
X184	GM-4	17
X184	GM-4E	201
X185	SUZU-10	36
X186	SUZU-8	36
X188	MAZ-19D	24
G190	GEN-24D	70
G190A	GEN-26D	70
G190B	GEN-5D	69
G190BA	GEN-10D	69
G190C	GEN-14D	69-70
G190CA	GEN-17D	69

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G190D	GEN-21D	70
G190DA	GEN-22D	70
G190E	GEN-25D	70
G190EA	GEN-27D	70
G190F	GEN-28D	70
G190FA	GEN-29D	70
G190M	GEN-18D	69
G190MA	GEN-23D	70
191AB	ABU-4I	87
G191	GEN-1D	69
G191A	GEN-6D	69
SR191A	VI-4D	133
192B	SQ-7	128
G192	GEN-2D	69-70
G192A	GEN-7D	69-70
G193	GEN-3D	69-70
G193A	GEN-8D	69-70
X193	HOND-39D	1
G194	GEN-4D	69-70
G194A	GEN-9D	69-70
X194	HOND-41D	1
G195	GEN-11D	69-70
G195A	GEN-15D	69-70
G196	GEN-12D	69-70
G196A	GEN-16D	69-70
X196	HY-3D	18
G197	GEN-13D	69-70
X197	DA-14	29
G198	GEN-19D	70
X198	GM-15D	14
G199	GEN-20D	70
X201	MAZ-17D	24
X202	FO-28D	10
X204	HOND-38D	1
X206	MAZ-8D	23
X207	FO-40D	11
X208	HOND-37D	1
C209	LF-20	121
X210	DAT-22	29
X211	TOYO-33D	39
X212	TOYO-34	39
X213	CHR-17	6
X214	HOND-16D	18
X216	HY-4	19
X217	TOYO-15	38
X217	TOYO-15S	189
Y220	YA-60D	93
X221	FO-9D	9
Y221	TE-17D	87
X222	MAZ-13D	24
Y222	TE-11D	87
X223	TOYO-17	39
Y223	TE-15D	87
X224	MIT-14D	27
X225	GM-24	17
X227	DAT-19	29

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X229	MIT-13D	27	O997ER	YA-25I	92	998VB	YA-58	96
X230	MAZ-18D	24	R997EB	YA-7I	92	998VC	YA-59	96
X231	FO-12	9	998	YA-80D	94	998VD	YA-91	96
X232	HY-6D	19	998A	YA-205D	94	998VE	YA-92	96
X233	KI-1D	21	998GA	YA-57D	94	998VF	YA-93	96
X235	HY-5	19	998GB	YA-58D	94	998VG	YA-94	96
X236	HY-10	19	998GC	YA-59D	94	998VH	YA-95	96
X237	DAT-16	29	998GD	YA-91D	94	998VK	YA-96	96
X238	DAT-15	29	998GE	YA-92D	94	998YA	YA-107	97
X239	NE-52	34	998GF	YA-93D	94	998YB	YA-108	97
X240	KI-2D	22	998GG	YA-94D	94	998YC	YA-109	97
X241	SUZU-12D	48	998GH	YA-95D	94	998YD	YA-110	97
X242	DAT-20	29	998GK	YA-96D	94	998YE	YA-111	97
X243	DAT-10	28	998GL	YA-106D	97	998YF	YA-112	97
X244	FO-23D	9	998GST	YA-64D	93	998YG	YA-113	97
X245	MIT-7	27	998LA	YA-97D	97	998YH	YA-114	97
X248	YAMA-26D	50	998LB	YA-98D	97	998YK	YA-115	97
X249	MAZ-11D	24	998LC	YA-99D	97	998YMK	YA-116	97
X250	HOND-32D	18	998LD	YA-100D	97	998ZA	YA-257	95
X251	SUB-1	36	998LE	YA-101D	97	998ZB	YA-258	95
X253	KI-3D	22	998LF	YA-102D	97	998ZC	YA-259	95
X263	MIT-18	28	998LG	YA-103D	97	998ZG	YA-260	95
X264	MIT-17	28	998LH	YA-104D	97	A998GST	YA-238D	95
X265	HOND-33	46	998LK	YA-105D	97	D998GA	YA-196D	94
X267	KI-4D	22	998PA	YA-239D	95	D998GB	YA-197D	94
X268	DAT-23	30	998PB	YA-240D	95	D998GC	YA-198D	94
X269	KI-6	22	998PC	YA-241D	95	D998GD	YA-199D	94
X270	TRP-1D	49	998PD	YA-242D	95	D998GE	YA-200D	94
X271	SUB-3	36	998PE	YA-243D	95	D998GF	YA-201D	94
X273	SUZU-18	49	998PF	YA-244D	95	D998GG	YA-202D	94
X275	ISU-5	21	998PG	YA-245D	95	D998GH	YA-203D	94
275LA	SAR-8S	183	998PH	YA-246D	95	D998GK	YA-204D	94
275S	SAR-2DS	183	998PK	YA-247D	95	H998	YA-165D	95
X277	YAMA-26	50	998R	YA-80	96	H998GA	YA-156D	95
755	ARR-1	55	998S	YA-195D	94	H998GB	YA-157D	95
755U	ARR-3	55	998SA	YA-117D	98	H998GC	YA-158D	95
757	ARR-2	55	998SB	YA-118D	98	H998GD	YA-159D	95
760	DOI-6	66	998SC	YA-119D	98	H998GE	YA-160D	95
765	DOI-7	66	998SD	YA-120D	98	H998GF	YA-161D	95
775	FR-13	69	998SE	YA-121D	98	H998GG	YA-162D	95
997B	YA-7D	92	998SF	YA-122D	98	H998GH	YA-163D	95
997E	YA-13D	92	998SG	YA-123D	98	H998GK	YA-164D	95
997EB	YA-63D	92	998SH	YA-124D	98	H998SA	YA-176D	98
997ER	YA-13I	92	998SK	YA-125D	98	H998SB	YA-177D	98
997JA	YA-248D	95	998SMK	YA-126D	98	H998SC	YA-178D	98
997JB	YA-249D	95	998TA	YA-127D	98	H998SD	YA-179D	98
997JC	YA-250D	95	998TB	YA-128D	98	H998SE	YA-180D	98
997JD	YA-251D	95	998TC	YA-129D	98	H998SF	YA-181D	98
997JE	YA-252D	95	998TD	YA-130D	98	H998SG	YA-182D	98
997JF	YA-253D	95	998TE	YA-131D	98	H998SH	YA-183D	98
997JG	YA-254D	95	998TF	YA-132D	98	H998SK	YA-184D	98
997JH	YA-255D	95	998TG	YA-133D	98	H998SMK	YA-185D	98
997JK	YA-256D	95	998TH	YA-134D	98	H998TA	YA-166D	99
997X	YA-82D	93	998TK	YA-135D	98	H998TB	YA-167D	99
H997EB	YA-33D	92	998TMK	YA-136D	98	H998TC	YA-168D	99
O997E	YA-25D	92	998VA	YA-57	96	H998TD	YA-169D	99

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H998TE	YA-170D	99
H998TF	YA-171D	99
H998TG	YA-172D	99
H998TH	YA-173D	99
H998TK	YA-174D	99
H998TMK	YA-175D	99
H998VA	YA-156	96
H998VB	YA-157	96
H998VC	YA-158	96
H998VD	YA-159	96
H998VE	YA-160	96
H998VF	YA-161	96
H998VG	YA-162	96
H998VH	YA-163	96
H998VK	YA-164	96
H998VR	YA-165	96
H998YA	YA-146	97
H998YB	YA-147	97
H998YC	YA-148	97
H998YD	YA-149	97
H998YE	YA-150	97
H998YF	YA-151	97
H998YG	YA-152	97
H998YH	YA-153	97
H998YK	YA-154	97
H998YMK	YA-155	97
H998ZA	YA-268	95
H998ZB	YA-269	95
H998ZC	YA-270	95
H998ZG	YA-271	95
S998GA	YA-235D	95
S998GB	YA-236D	95
S998GC	YA-237D	95
999A	YA-17D	91
999B	YA-60D	93
999GA	YA-186D	94
999GB	YA-187D	94
999GC	YA-188D	94
999GD	YA-189D	94
999GE	YA-190D	94
999GF	YA-191D	94
999GG	YA-192D	94
999GH	YA-193D	94
999GK	YA-194D	94
999K1	TE-17D	87
999K2	TE-11D	87
999K3	TE-15D	87
999LA	YA-206D	96
999LB	YA-207D	96
999LC	YA-208D	96
999LD	YA-209D	96
999LE	YA-210D	96
999LF	YA-211D	96
999LG	YA-212D	96
999LH	YA-213D	96
999LK	YA-214D	96

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999N	YA-34D	93
999R	YA-41	91
999R	YA-24I	90
999VA	YA-261	95
999VB	YA-262	95
999VC	YA-263	95
999VD	YA-264	95
999VE	YA-265	95
999VG	YA-266	95
999VH	YA-267	95
H999	YA-1D	90
H997E	YA-3D	92
H997ER	YA-3I	92
H999R	YA-1I	90
X999	YA-6D	92
X999R	YA-6I	92
1000	COR-82	61
1000A	COR-46	61
1000AB	COR-44	61
1000FX	CCL-13D	57
1000KC	CCL-35D	57
1000P	CCL-33D	57
1000T	CCL-32	57
1000V	CCL-12	57
1000X	CCL-5D	57
1000XK	CCL-34D	57
R1000T	CCL-32D	57
R1000V	CCL-12D	57
S1000T	CCL-29	58
S1000V	CCL-11	58
S1000X	CCL-28D	58
S1000XK	CCL-31D	58
SR1000T	CCL-29D	58
SR1000V	CCL-11D	58
SX1000F	CCL-2D	57
SX1000FR	CCL-2	57
X1000F	CCL-3D	57
X1000FR	CCL-3	57
X1000G	CCL-1D	57
X1000GR	CCL-1	57
XO1000F	CCL-26D	57
XO1000FR	CCL-26	57
XO1000GR	CCL-27	57
1001	COR-83	61
1001A	COR-85	61
1001A1	COR-154D	60
1001A2	COR-155D	60
1001AB	COR-84	61
1001ABM	COR-98	62
1001AH	COR-86	62
1001AM	COR-94	62
1001BH	COR-88	62
1001BM	COR-95	62
1001C1	COR-90	62
1001C2	COR-91	62
1001CDM	COR-99	62

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1001CM	COR-96	62
1001DH	COR-89	62
1001DM	COR-97	62
1001D1	COR-92	62
1001D2	COR-93	62
1001E	COR-156	61
1001EA	COR-174	61
1001EB	COR-81	61
1001EG	COR-45	61
1001EH	COR-8	60
1001EJ	COR-157D	61
1001EL	COR-47	61
1001EN	COR-62	61
1001ES	COR-110	61
1001FH	COR-87	62
1001GA	COR-220D	61
1001GB	COR-221D	61
1001GH	COR-7	60
1001GRM	COR-100	62
1001MA	COR-162	61
1001MB	COR-163	61
1001MC	COR-164	61
1001MD	COR-165D	61
1001MG	COR-166D	61
1001MJ	COR-109	61
1001MK	COR-138D	60
A1001ABM	COR-56	62
A1001AH	COR-63	62
A1001AM	COR-104	62
A1001BH	COR-60	62
A1001BM	COR-105	62
A1001CM	COR-106	62
A1001CDM	COR-108	62
A1001C1	COR-58	62
A1001C2	COR-102	62
A1001DH	COR-57	62
A1001DM	COR-107	62
A1001D1	COR-59	62
A1001D2	COR-103	62
A1001EH	COR-9	60
A1001EHR	COR-9D	60
A1001FH	COR-101	62
A1001GRM	COR-61	62
A1001HP	COR-111D	61
A1001MA	COR-158	61
A1001MB	COR-159D	61
A1001MF	COR-160	61
A1001MJ	COR-112	61
A1001MJR	COR-172D	61
B1001EJ	COR-113	61
L1001ABM	COR-151	62
L1001AH	COR-139	62
L1001AM	COR-147	62
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L1001CM	COR-149	62	1007	SAR-118	85	L1007CB	SAR-93	84
L1001C1	COR-143	62	1007CA	SAR-16	83	L1007CC	SAR-94	84
L1001C2	COR-144	62	1007CB	SAR-17	83	L1007CD	SAR-101	84
L1001D1	COR-145	62	1007CC	SAR-18	83	L1007CE	SAR-95	84
L1001D2	COR-146	62	1007CD	SAR-25	83	L1007CF	SAR-96	84
L1001DH	COR-142	62	1007CE	SAR-19	83	L1007CG	SAR-97	84
L1001DM	COR-150	62	1007CF	SAR-20	83	L1007CH	SAR-102	84
L1001EH	COR-222	60	1007CG	SAR-21	83	L1007CJ	SAR-98	84
L1001FH	COR-140	62	1007CH	SAR-26	83	L1007CK	SAR-99	84
L1001GRM	COR-153	62	1007CJ	SAR-22	83	L1007CL	SAR-100	84
O1001E	COR-10	60	1007CK	SAR-23	83	L1007CM	SAR-103	84
R1001CEM	COR-176D	61	1007CL	SAR-24	83	L1007CN	SAR-104	84
R1001ED	COR-167D	61	1007CM	SAR-27	83	L1007LA	SAR-105	82
R1001EE	COR-168	61	1007CN	SAR-28	83	L1007LB	SAR-106	82
R1001EF	COR-175	61	1007HA	SAR-42	84	L1007LC	SAR-107	82
R1001EG	COR-55D	63	1007HB	SAR-43	84	L1007LD	SAR-114	82
R1001EK	COR-169	61	1007HC	SAR-44	84	L1007LE	SAR-108	82
R1001EL	COR-161D	61	1007HD	SAR-51	84	L1007LF	SAR-109	82
R1001EM	COR-171D	61	1007HDH	SAR-54	84	L1007LG	SAR-110	82
R1001EN	SKI-1D	86	1007HE	SAR-45	84	L1007LH	SAR-115	82
R1001EP	COR-170	61	1007HF	SAR-46	84	L1007LJ	SAR-111	82
R1001ES	COR-178D	61	1007HG	SAR-47	84	L1007LK	SAR-112	82
R1001ET	COR-173D	61	1007HH	SAR-52	84	L1007LL	SAR-113	82
R1001GA	COR-220	61	1007HJ	SAR-48	84	L1007LM	SAR-116	82
R1001MJ	COR-177D	61	1007HK	SAR-49	84	N1007KMA	SAR-1	82
S1001JB	CCL-30D	58	1007HL	SAR-50	84	N1007KMB	SAR-6	81
1003A	CCL-14	58	1007HM	SAR-53	84	N1007KMC	SAR-117	82
1003AB	CCL-18	58	1007HN	SAR-55	84	N1007RMA	SAR-1D	83
1003B	CCL-15	58	1007LA	SAR-8	81	N1007RMB	SAR-6D	82
1003C	CCL-16	58	1007LB	SAR-69	81	O1007CA	SAR-29	83
1003CD	CCL-19	58	1007LC	SAR-70	81	O1007CB	SAR-30	83
1003D	CCL-17	58	1007LD	SAR-77	81	O1007CC	SAR-31	83
1003M	HUD-3	58-71	1007LDH	SAR-80	81	O1007CD	SAR-38	83
L1003A	CCL-20	58	1007LE	SAR-71	81	O1007CE	SAR-32	83
L1003AB	CCL-24	58	1007LF	SAR-72	81	O1007CF	SAR-33	83
L1003B	CCL-21	58	1007LG	SAR-73	81	O1007CG	SAR-34	83
L1003C	CCL-22	58	1007LH	SAR-78	81	O1007CH	SAR-39	83
L1003CD	CCL-25	58	1007LHM	SAR-81	81	O1007CJ	SAR-35	83
L1003D	CCL-23	58	1007LJ	SAR-74	81	O1007CK	SAR-36	83
L1003M	CCL-10	58	1007LK	SAR-75	81	O1007CL	SAR-37	83
R1003M	HUD-3D	71	1007LL	SAR-76	81	O1007CM	SAR-40	83
S1003A	CCL-36	58	1007LM	SAR-79	81	O1007CN	SAR-41	83
S1003B	CCL-37	58	1007RA	SAR-8D	82	O1007HA	SAR-56	84
S1003AB	CCL-40	58	1007RB	SAR-69D	82	O1007HB	SAR-57	84
S1003C	CCL-38	58	1007RC	SAR-70D	82	O1007HC	SAR-58	84
S1003CD	CCL-41	58	1007RD	SAR-77D	82	O1007HD	SAR-65	84
S1003D	CCL-39	58	1007RDH	SAR-80D	82	O1007HDH	SAR-68	84
S1003M	CCL-42	58	1007RE	SAR-71D	82	O1007HE	SAR-59	84
1004	LWO-4D	74	1007RG	SAR-73D	82	O1007HF	SAR-60	84
1004AR	LWO-5	74	1007RH	SAR-78D	82	O1007HG	SAR-61	84
1004AX	LWO-22D	74	1007RHM	SAR-81D	82	O1007HH	SAR-66	84
1004AXA	LWO-24D	74	1007RJ	SAR-74D	82	O1007HJ	SAR-62	84
1004AXM	LWO-25D	74	1007RK	SAR-75D	82	O1007HK	SAR-63	84
1004XM	LWO-23D	74	1007RL	SAR-76D	82	O1007HL	SAR-64	84
1004K	LWO-1D	74	1007RM	SAR-79D	82	O1007HM	SAR-67	84
1004R	LWO-4	74	L1007CA	SAR-92	84	O1007HN	SAR-10	85

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01007LA	SAR-7	82
01007LA	SAR-7E	196
01007LB	SAR-11	82
01007LC	SAR-12	82
01007LD	SAR-87	82
01007LDH	SAR-90	82
01007LE	SAR-82	82
01007RE	SAR-82D	83
01007LF	SAR-83	82
01007LG	SAR-84	82
01007LH	SAR-88	82
01007LHM	SAR-91	82
01007LJ	SAR-13	82
01007LK	SAR-85	82
01007LL	SAR-86	82
01007LM	SAR-89	82
01007RA	SAR-7D	83
01007RB	SAR-11D	83
01007RC	SAR-12D	83
01007RD	SAR-87D	83
01007RDH	SAR-90D	83
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01007RG	SAR-84D	83
01007RH	SAR-88D	83
01007RHM	SAR-91D	83
01007RJ	SAR-13D	83
01007RK	SAR-85D	83
01007RL	SAR-86D	83
01007RM	SAR-89D	83
1010B	SAR-4D	85
1010M	SAR-119D	85
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A1010U	SAR-14D	85
L1010N	SAR-9D	85
01010	SAR-5D	85
S1010B	SAR-4	85
1011	RUS-7	80
1011D1	RUS-4	79
1011D1	RUS-4E	196
1011D2	RUS-30	79
1011D3	RUS-31	79
1011D4	RUS-32	79
1011D12	RUS-33	79
1011D34	RUS-34	79
1011D41	RUS-35	79
1011GH	RUS-75D	80
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1011K1	RUS-61D	81
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1011K3	RUS-63D	81
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1011K5	RUS-65D	81
1011K6	RUS-66D	81
1011K7	RUS-67D	81
1011K8	RUS-68D	81
1011K9	RUS-69D	81

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1011K10	RUS-70D	81
1011K11	RUS-71D	81
1011K12	RUS-72D	81
1011K13	RUS-73D	81
1011-L1	RUS-4D	79
1011-L2	RUS-30D	79
1011-L3	RUS-31D	79
1011-L4	RUS-32D	79
1011-L12	RUS-33D	79
1011-L34	RUS-34D	79
1011-L41	RUS-35D	79
1011MK	RUS-74D	81
1011P	RUS-3	79
1011PH	RUS-59D	80
1011PM	RUS-60D	80
1011PZ	RUS-58D	80
A1011D1	RUS-5	79
A1011D1	RUS-5E	196
A1011D2	RUS-8	79
A1011D3	RUS-9	79
A1011D4	RUS-10	79
A1011D12	RUS-36	79
A1011D34	RUS-37	79
A1011D41	RUS-1	79
A1011H1	RUS-38D	81
A1011H2	RUS-39D	81
A1011H3	RUS-40D	81
A1011H5	RUS-41D	81
A1011H6	RUS-42D	81
A1011H7	RUS-43D	81
A1011H8	RUS-44D	81
A1011-1N	RUS-16D	80
A1011-2N	RUS-17D	80
A1011-3N	RUS-18D	80
A1011-4N	RUS-19D	80
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A1011-23N	RUS-24	80
A1011-24N	RUS-25	80
A1011-25N	RUS-26	80

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A1011-26N	RUS-27	80
A1011-27N	RUS-28	80
A1011-28N	RUS-29	80
A1011-L1	RUS-5D	80
A1011-L2	RUS-8D	80
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A1011-L4	RUS-14D	80
A1011-L12	RUS-36D	80
A1011-L34	RUS-37D	80
A1011-L41	RUS-13D	80
A1011M	RUS-50	81
A1011P	RUS-6	81
A1011PZ	RUS-11D	80
A1011PZR	RUS-11	80
A1011S	RUS-48	81
A1011T	RUS-49	81
B1011D1	RUS-51	80
B1011D2	RUS-52	80
B1011D3	RUS-53	80
B1011D4	RUS-54	80
B1011D12	RUS-55	80
B1011D34	RUS-56	80
B1011D41	RUS-57	80
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L1011-L2	COR-132D	63
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L1011-L4	COR-134D	63
L1011-L12	COR-135D	63
L1011-L34	COR-136D	63
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N1011M	RUS-47	81
N1011P	RUS-12	81
N1011S	RUS-45	81
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1012-D2	COR-195	64
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1012-D4	COR-197	64
1012-D12	COR-198	64
1012-D34	COR-199	64
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A1012-D1	COR-201	64
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A1012-59A2	COR-180	63	1033N	UN-11	131	1043C	ILL-2	72
A1012-59AB	COR-191	63	1040A	CLU-1I	7	1043D	ILL-7	72
A1012-59AD	COR-193	63	1040C	CLU-3	7	1043E	ILL-11D	72
A1012-59B	COR-188	63	1040E	CLU-5	7	1043G	ILL-12	72
A1012-59B1	COR-181	63	1040U	BS-9D	26	1043J	TIM-1D	88
A1012-59B2	COR-182	63	R1040C	CLU-2	7	1045	AME-1	55
A1012-59C	COR-189	63	R1040E	CLU-4	7	A1045	AME-2	55
A1012-59CD	COR-192	63	1041C	AME-3	55	1046	JU-1	55
A1012-59C1	COR-183	63	1041CE	AME-6	55	1046A	JU-2	55
A1012-59C2	COR-184	63	1041CK	AME-7	55	1054DL	ILC-8D	71
A1012-59D	COR-190	63	1041D	CHI-28	60	1054FN	ILC-5D	71
A1012-59D1	COR-185	63	1041DB	CHI-29	60	1054G	FR-12D	69
A1012-59D2	COR-186	63	1041DC	CHI-30	60	1054K	ILC-1D	71
L1012-D1	COR-208	64	1041DE	CHI-32D	60	1054LB	ILC-6D	71
L1012-D2	COR-209	64	1041DH	CHI-33D	60	1054MT	ILC-2D	71
L1012-D3	COR-210	64	1041DV	CHI-31D	60	1054UN	ILC-3	71
L1012-D4	COR-211	64	1041E	CHI-14	59	1054WB	WEI-1	89
L1012-D12	COR-212	64	1041GA	CHI-1	59	1054WB	WEI-1E	197
L1012-D34	COR-213	64	1041GB	CHI-4	59	1054WC	WEI-4	89
L1012-D41	COR-214	64	1041GR	CHI-3	59	1054WD	FAL-13D	67
1014	EAG-6	66	1041H	ILL-1	72	1054WF	FAL-19D	67
1014C	HAR-2D	70	1041K	CHI-35	59	1054WH	FAL-14D	67
1014DX	EAG-5D	66	1041N	CHI-5	59	1054WJ	FAL-20D	67
O1014S	EAG-2D	66	1041T	CHI-12D	193	1054WK	FAL-15D	67
X1014F	HAR-1I	70	1041T	CHI-12DE	59	1054WL	FAL-16D	67
X1014L	LOR-1	74	1041TR	CHI-12	59	1054WN	FAL-17D	67
A1015L	LWO-10D	74	1041Y	CHI-13D	59	1054WP	FAL-18D	67
A1015LR	LWO-10	74	A1041U	AME-5	55	1054WR	FAL-21D	67
A1015M	LWO-3D	74	C1041DN	CHI-34	60	A1054WB	WEI-2	89
A1015MR	LWO-3	74	C1041J	CHI-17D	59	A1054WC	WEI-5	89
A1015N	LWO-11D	74	C1041JB	CHI-25	59	A1054WD	FAL-1D	67
A1015NR	LWO-11	74	C1041L	CHI-18	59	A1054WF	FAL-8D	67
A1015P	LWO-12D	74	C1041N	CHI-19D	59	A1054WH	FAL-3D	67
A1015PR	LWO-12	74	C1041P	CHI-15D	59	A1054WJ	FAL-9D	67
A1015Q	LWO-13D	74	C1041R	CHI-24	59	A1054WK	FAL-4D	67
A1015QR	LWO-13	74	C1041SR	CHI-25D	59	A1054WL	FAL-5D	67
A1015R	LWO-14D	74	C1041T	CHI-26	59	A1054WLN	FAL-6D	67
A1015RR	LWO-14	74	C1041TR	CHI-26D	59	A1054WP	FAL-7D	67
A1015S	LWO-15D	74	C1041YR	CHI-27	59	A1054WR	FAL-2D	67
A1015SR	LWO-15	74	R1041DC	CHI-30D	60	C1054B	CN-1D	5
A1015T	LWO-16D	74	R1041DV	CHI-31	60	D1054K	DX-5D	64
A1015TR	LWO-16	74	S1041JA	CHI-16D	59	D1054KA	DX-6D	64
A1015U	LWO-17D	74	SC1041R	CHI-20	59	H1054W	ILC-10D	72
A1015UR	LWO-17	74	SC1041S	CHI-21	59	K1054B	ILC-9D	72
A1015V	LWO-18D	74	SC1041SR	CHI-21D	59	L1054B	ILC-7D	71
A1015VR	LWO-18	74	SC1041T	CHI-22	59	L1054G	FR-11D	69
A1015W	LWO-19D	74	SC1041TR	CHI-22D	59	L1054M	BRG-2D	57
A1015WR	LWO-19	74	SC1041YR	CHI-23	59	L1054WC	FAL-10D	67
A1015X	LWO-20D	74	1042A	ILL-5	72	L1054WD	FAL-11D	67
A1015XR	LWO-20	74	1042B	ILL-6	72	L1054WH	FAL-12D	67
A1015Y	LWO-21D	74	1042Z	ILL-9	72	MD1054K	MAS-16D	75
A1015YR	LWO-21	74	S1042Z	ILL-3	72	N1054WB	WEI-3	89
1022	SEG-1D	86	S1042ZM	ILL-4	72	X1054K	ILC-4D	71
1022L	SEG-3	86	S1042ZP	ILL-8	72	X1054KF	ILC-12D	72
O1022	SEG-2D	86	S1042ZS	ILL-10	72	X1054KR	ILC-12	72

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X1054LF	ILC-11D	72
X1054LR	ILC-11	72
X1054WA	WEI-17D	89
X1055GA	ILC-13D	72
X1055GB	ILC-13	72
X1055JK	ILC-14D	72
X1055JR	ILC-14	72
1063KW	KWI-1KS	181
1064D	NTL-2	77
R1064D	NTL-2D	77
R1064E	NTL-1D	77
1069	HUD-5D	71
1069F	NTC-16D	77
1069H	NTC-8D	77
1069L	NTC-1D	77
1069LB	NTR-2D	77
1069LC	NTR-1D	77
1069M	NTC-9D	77
1069N	NTC-10D	77
1069T	NTC-20D	77
M1069C	NTC-22D	77
M1069L	NTC-23D	77
N1069B	NTC-6	77
N1069G	NTC-24D	77
N1069N	NTC-15D	77
R1069L	NTC-1	77
S1069G	NTC-17D	77
S1069H	NTC-18D	77
S1069M	NTC-19D	77
S1069T	NTC-21D	77
1071	WIB-1	90
1071B	WIB-5	90
1071BD	WIB-6	90
1071BE	WIB-7	90
1071BM	WIB-8	90
1071D	WIB-2	90
1071E	WIB-3	90
1071M	WIB-4	90
1073DF	SLY-8	86
S1073DF	SLY-2	86
1074B	SLY-7D	86
1074BM	SLY-13D	86
1074E	SLY-3	86
1074F	SLY-4D	86
1074G	SLY-5	86
1074N	SLY-6	86
A1074B	SLY-12D	86
A1074E	SLY-9	86
A1074F	SLY-10D	86
A1074G	SLY-11	86
1079	KEI-1	72
1079B	KEI-2	72
1083J	NCR-1D	77
1083K	NCR-2D	77
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1083N	NCR-5D	77
1083P	NCR-6D	77
1083R	NCR-7	77
1083S	NCR-8	77
1083T	NCR-9D	77
1090LN	FO-11D	9
1092	MAS-10	75
1092B	MAS-7	75
1092C	MAS-21D	76
1092D	MAS-3D	75
1092DD	MAS-33D	76
1092DS	MAS-13D	75
1092E	MAS-33	76
1092H	MAS-5D	75
1092J	MAS-8	75
1092N	MAS-9	75
1092N	MAS-9E	195
1092NR	MAS-9D	75
1092R	MAS-10D	75
1092V	MAS-12D	75
1092VR	MAS-7D	75
1092VM	MAS-11D	75
1092-40	MAS-31D	76
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1092-6000	MAS-18D	75
1092-6000B	MAS-25D	75
1092-7000	MAS-2D	75
1092-7000B	MAS-24D	75
1096C	ELG-3	67
1096G	NTC-7D	77
C1096CN	ELG-1	67
C1096LN	ELG-2	67
S1096G	LIN-3D	120
1098DB	AMM-4	2
1098GX	GAS-3	13
1098M	BS-10	4
1098PB	PER-1	31
1098X	HUD-4	71
1098XL	BS-11	4
C1098JD	JD-1	21
D1098B	DX-7D	64
D1098JD	JD-2	21
D1098X	DX-4	64
E1098JD	JD-3D	21
F1098JD	JD-4D	21
H1098LA	GM-32	15
H1098M	GM-33	15
H1098NR	BS-11	2
O1098LA	GM-31	15
P1098A	GM-6	14
P1098AV	GM-16	14
P1098C	GM-7	14
P1098C	GM-7E	201
P1098CV	GM-17	14
P1098E	GM-8	14
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P1098J	GM-9	14
P1098WC	GM-19	14
P1098WE	GM-20	14
S1098B	GM-10	14
S1098D	GM-11	14
S1098H	GM-12	14
S1098K	CM-13	14
S1098WD	GM-42D	16
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P1099	GM-22	15
P1101	GM-23	15
S1105	GM-41	16
P1106	GM-14	14
P1107	GM-30	15
P1108	GM-21	35
P1109	GM-36	15
P1110	GM-40	35
P1111	GM-34	15
P1112	GM-35	15
B1113	ISU-5	21
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A1114B	BES-14D	57
A1114C	BES-2D	57
A1114D	BES-3D	57
A1114DD	BES-4D	57
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A1114J	BES-8D	57
A1114K	BES-9D	57
A1114L	BES-10D	57
A1114M	BES-11D	57
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A1114R	BES-13D	57
A1114TB	BES-17D	57
1119	EAR-1D	66
1120D	SLY-1D	86
1120F	SLY-14	86
1120G	SLY-15D	86
1120H	SLY-16	86
E1122A	YA-10D	92
F1122A	YA-8D	92
K1122B	BRG-5D	57
K1122C	BRG-4D	57
K1122D	BRG-1	57
K1122N	BRG-3	57
O1122	YA-44D	93
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CYLINDRE NORD-AMÉRICAIN

INTERNATIONAL CYLINDER
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LLAVES PLANAS
CLÉS PLATES

BIT AND BARREL
GORJA
CLÉS À GORGES

CROSS KEYS
LLAVES DE CRUZ
CLÉS TRANSVERSALES

ALUMINUM
ALUMINIO
ALUMINIUM

COLOR MATIC
CENTRO DE PLÁSTICO
COEUR PLASTIQUE

CRISTAL KEYS
LLAVES CRISTAL
CLÉS DE VERRE

FASHION

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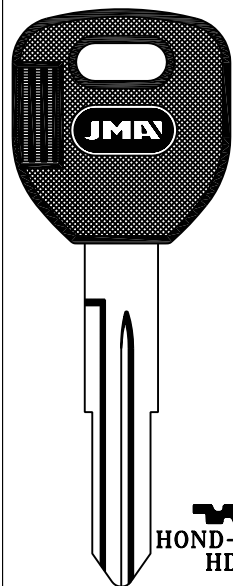
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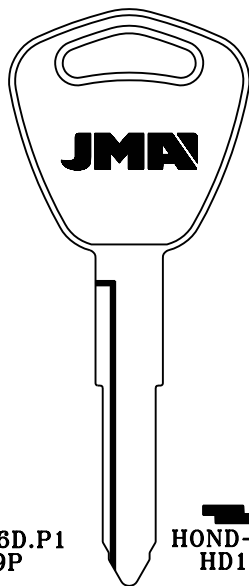


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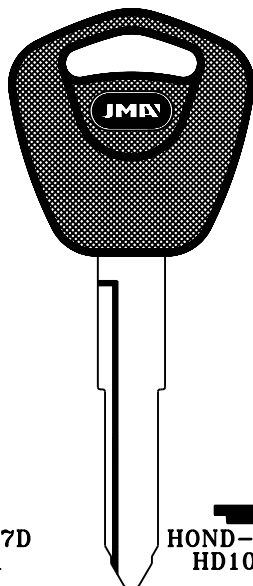
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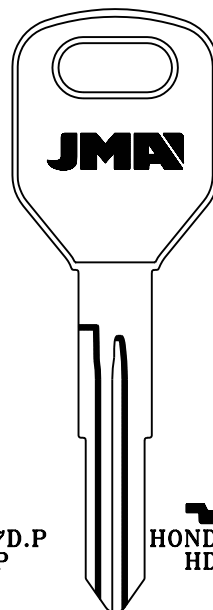
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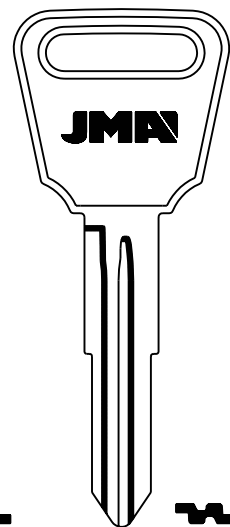
HOND-37D
HD101



HOND-37D.P
HD101P

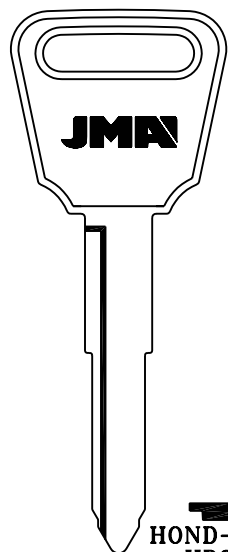


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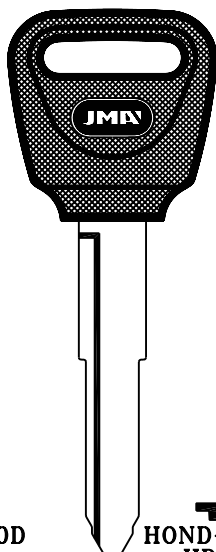


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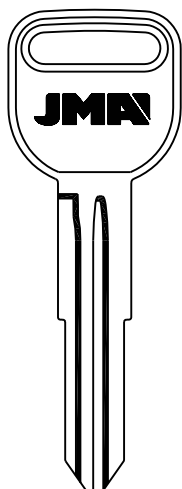
ACURA



HOND-40D
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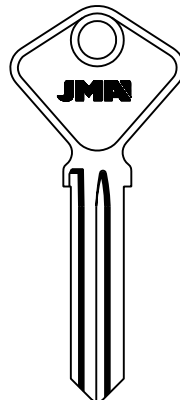


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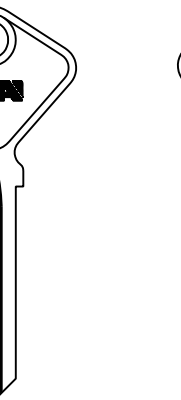


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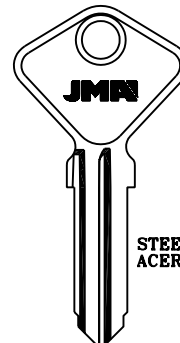
ALFA ROMEO



AF-4I
R61G



AF-4D
61G



AF-6I
F91C2

AF-6D
F91C8

AF-5I
F91CR
AF-5D
F91C
AUTOBIANCHI-FIAT-FERRARI
LAMBORGHINI-MASERATI

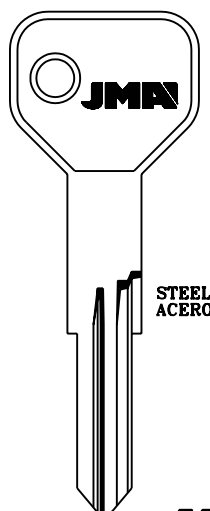
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ALFA ROMEO



AF-7I
F44

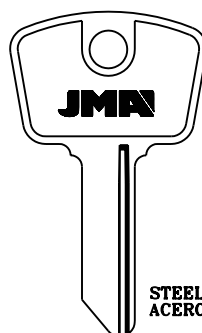
AUTOBIANCHI-FIAT



AF-13
FT48



AF-14.P
SP25AP



FEM-2I
F91H

FEM-2D
F91G

FEM-1I
F91F

FEM-1D
F91E

AUTOBIANCHI-GOLF CART



N.SILVER
ALPACA

GIOB-3.P
S10LAAP



JMA

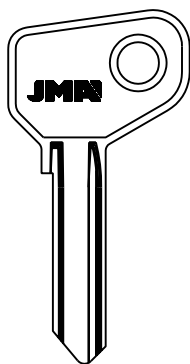
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marques et dénominations
commerciales voir la note dans
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ALFA ROMEO



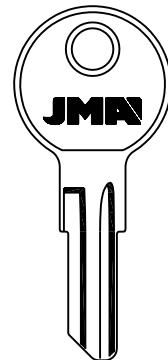
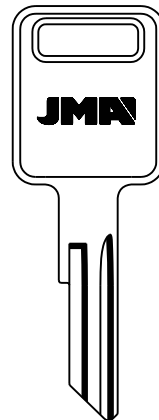
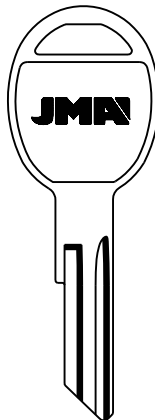
VOLVO
VAUXHALL
SAAB
ROOTES GROUP
JAGUAR
FORD INTERNATIONAL
BRITISH LEYLAND



AUTOB.-FERRARI-FIAT-IVECO
LADA-LAMBOR.-PANTERA-YUGO

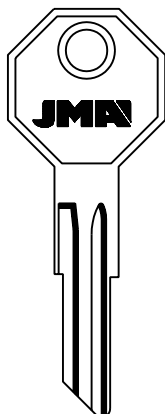
ROOTES GROUP

AMERICAN MOTORS



BRIGGS & STRATTON
KENWORTH-HUDSON

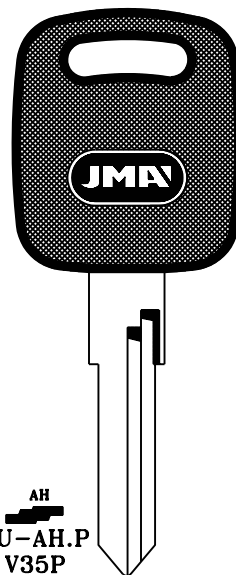
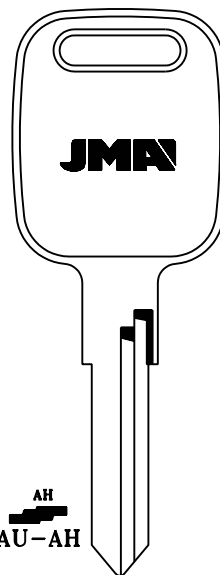
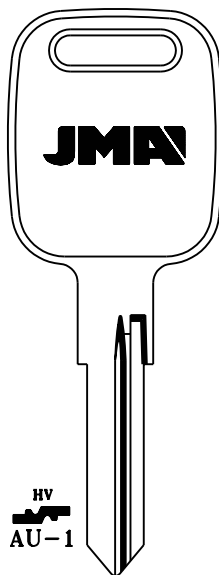
AMERICAN MOTORS



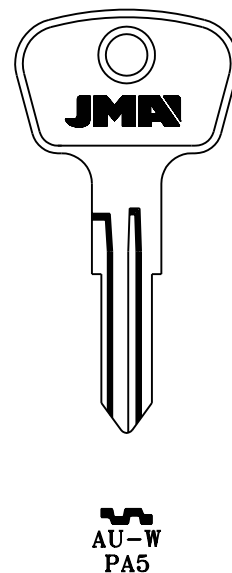
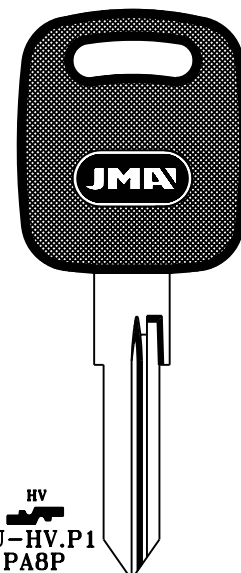
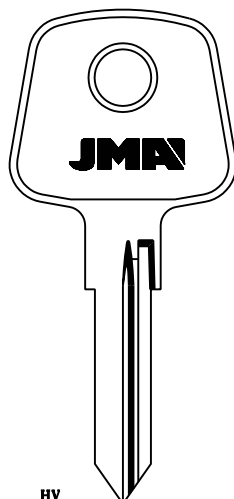
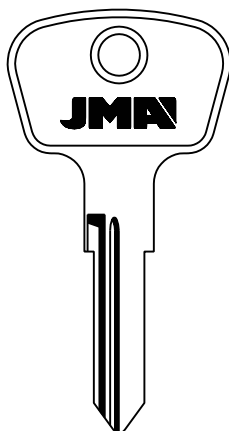
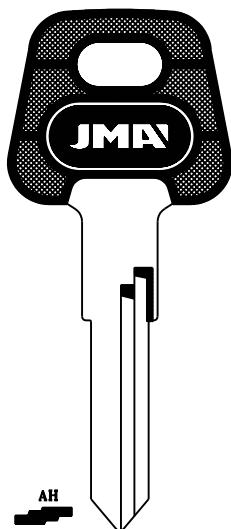
RENAULT

CHRYSLER-JEEP-RENAULT

AUDI



AUDI



OPEL-VIKING

VOLKSWAGEN

VOLKSWAGEN



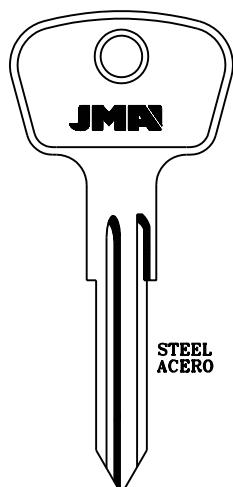
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AUDI

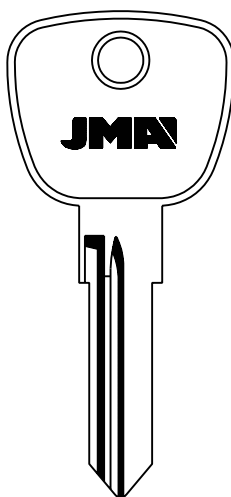


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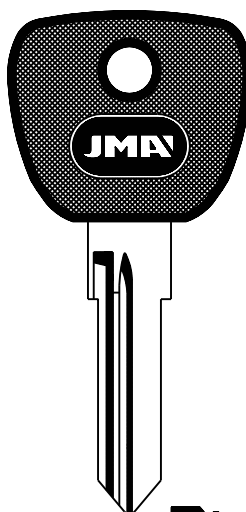


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BEDFORD-BRITISH LEYLAND
HONDA-JAGUAR

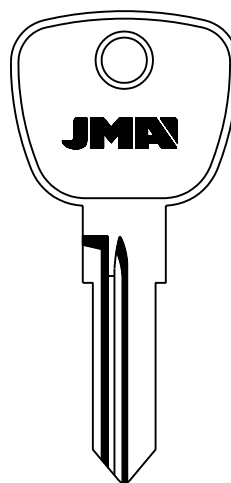
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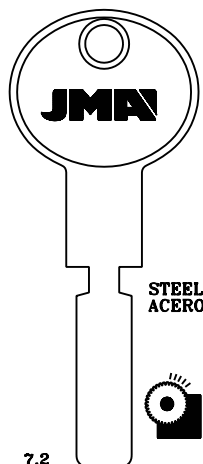


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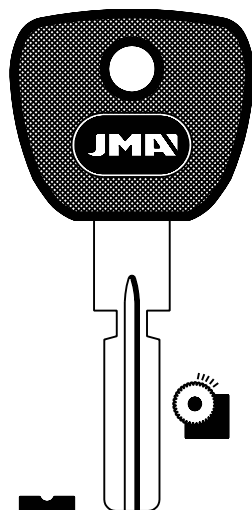


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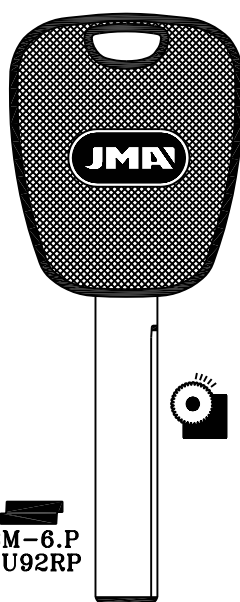
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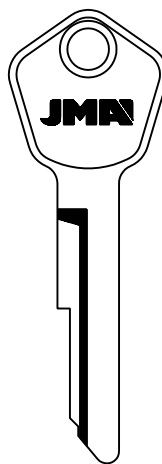
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3.5
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S6BW



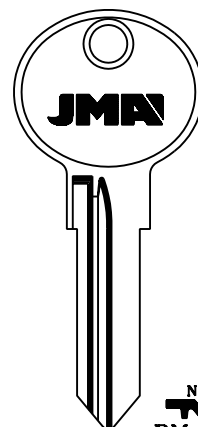
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BM-6.P
HU92RP



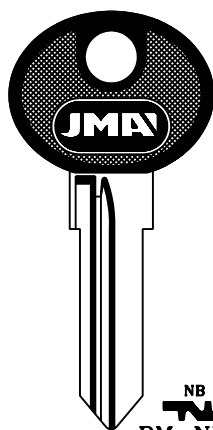
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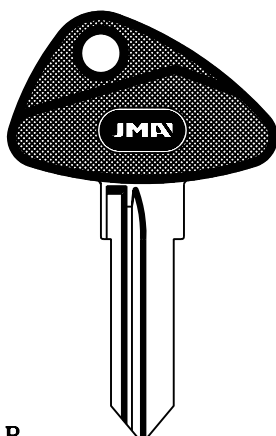
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HB
BM-HB
BMW2

BMW

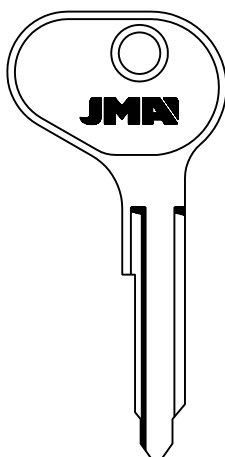


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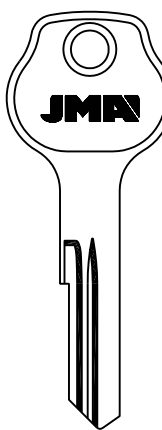


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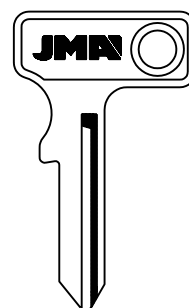
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BM-W
BMW1



HU-SX
63Y



NE-8



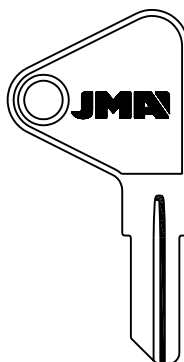



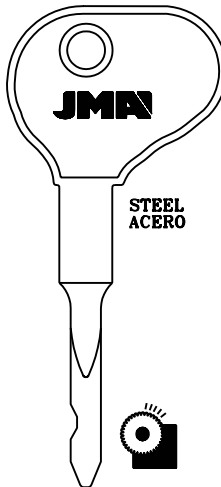

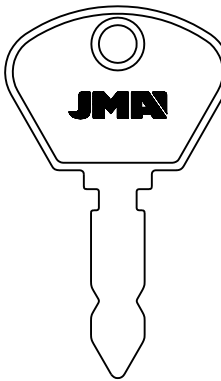
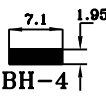
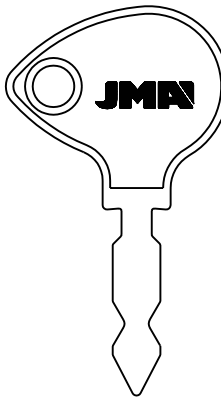

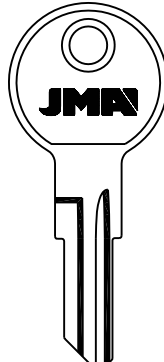

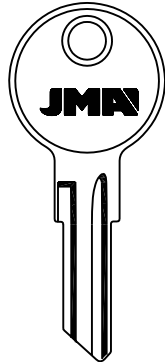

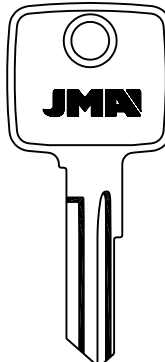

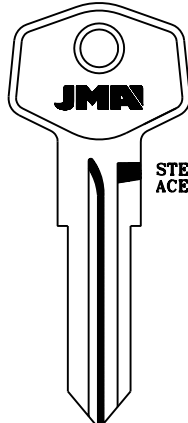

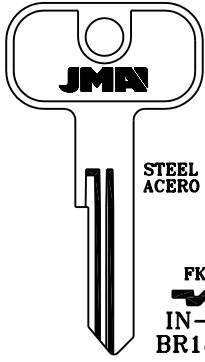



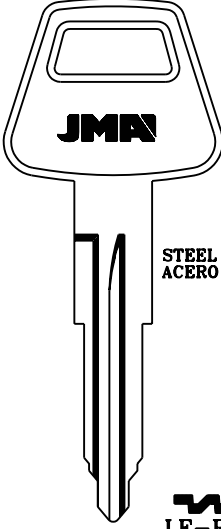



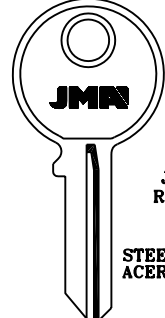



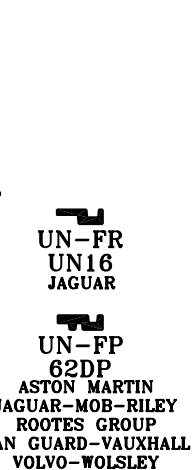


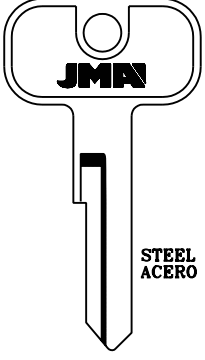

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l'index.

N.S.U-OPEL

BOMBARDIER		BORGWARD		BOSCH		
	 BOB-1D	 STEEL ACERO  HU-P 62VG D.K.W-L.K.W-VOLKSWAGEN	 STEEL ACERO  BH-2	  BH-4	  BH-5 BH12-SI	
BRIGGS & STRATTON				BRITISH LEYLAND		
  BS-10 B1 DIAMOND REO-FREIGHTLINER MACK-MISC. SWITCHES	  BS-11 B4	  BS-12 1595	 STEEL ACERO  CEM-JC BL6 JAGUAR	 STEEL ACERO  FK IN-5 BR18R  FS IN-4 H62DR  FP IN-1 H62DP ASTON MARTIN-ROOTES GROUP VAN GUARD-VAUXHALL-WOLSELEY		
BRITISH LEYLAND						
 STEEL ACERO  LF-RO LF17 IVECO-MASERATI-ROVER	 STEEL ACERO  NE-25 H61VR D.K.W-FERRARI-FORD INT. MERCEDES-VOLKSWAGEN	 STEEL ACERO  UN-1FS 62DS VOLVO	 UN-MRN 62DC JAGUAR-SAAB ROUTES GROUP  UN-FFE 62DM JAGUAR	 UN-FR UN16 JAGUAR  UN-FP 62DP ASTON MARTIN JAGUAR-MOB-RILEY ROOTES GROUP VAN GUARD-VAUXHALL VOLVO-WOLSELEY  UN-3 R62DM JAGUAR-ROVER SAAB	 STEEL ACERO  FR UN-4 BR9 ROUTES GROUP-VAUXHALL	



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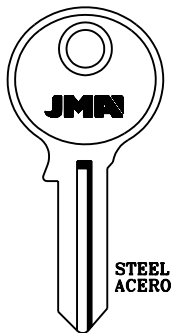
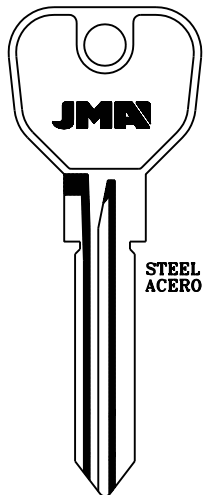
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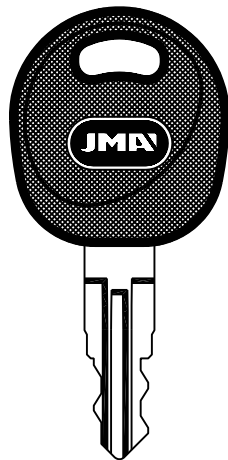
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commerciales voir la note dans
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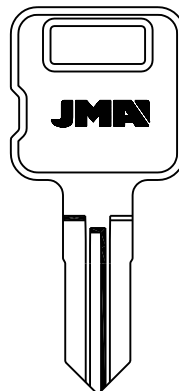
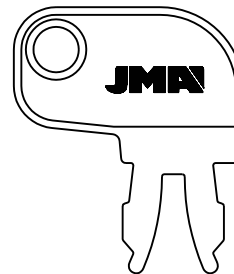
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STEEL
ACEROUN-NC
62DJSTEEL
ACEROUN-NH
MG1

JAGUAR-VAUXHALL

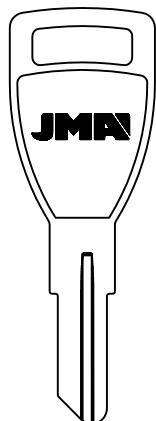
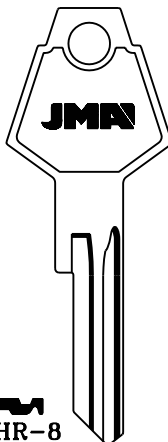


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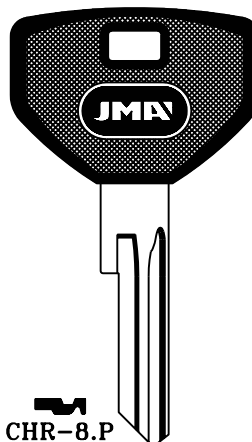
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1560CAT-3
CNA2

CESSNA

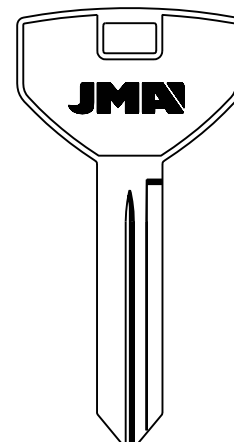
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C1054BSTEEL
ACEROBAS-2I
X1199BCHR-8
Y152

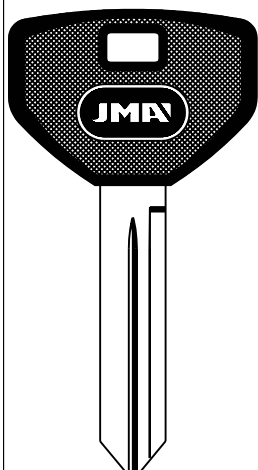
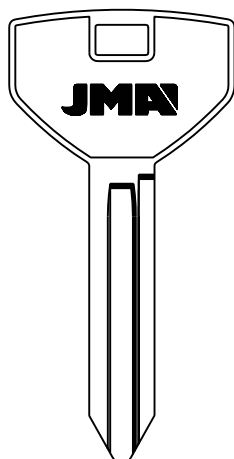
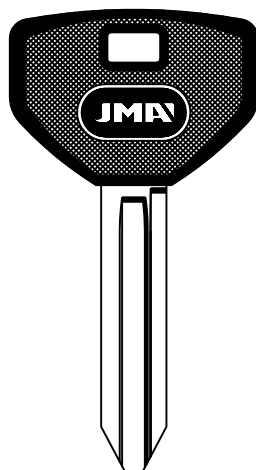
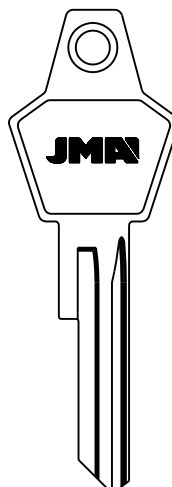
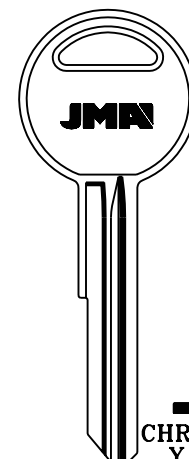
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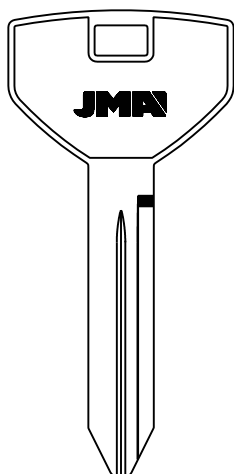
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CHR-9
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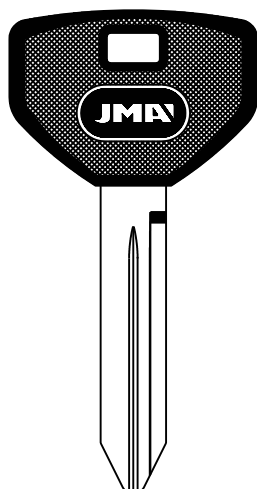
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CHR-9.P
Y154PCHR-10
Y155CHR-10.P
Y155PCHR-11
1770CHCHR-12
Y149**JMA**© Llaves Altuna de México,
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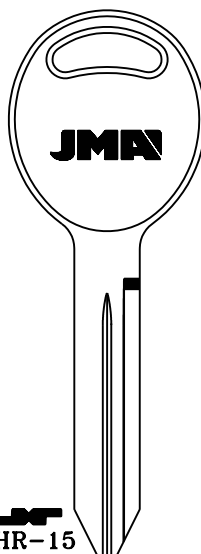
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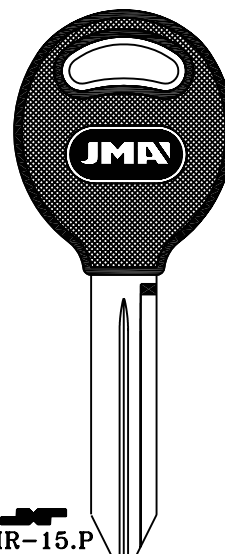
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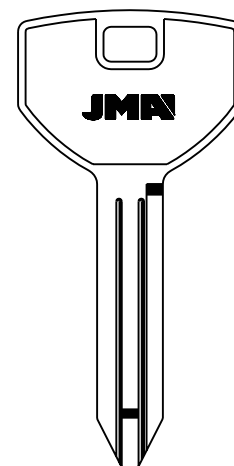
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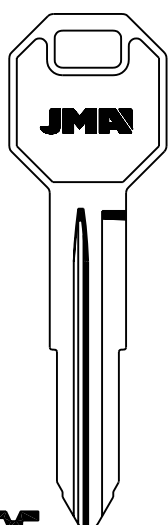


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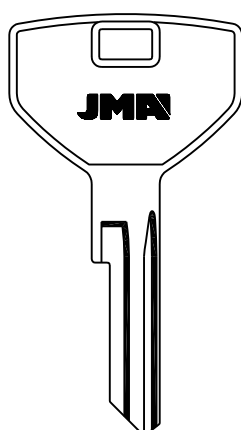
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CHRYSLER



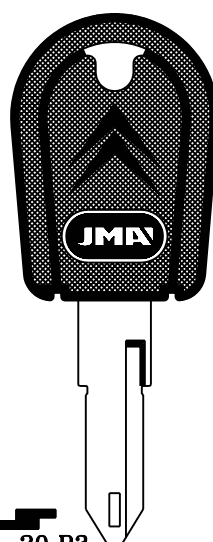
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MIT2

MITSUBISHI

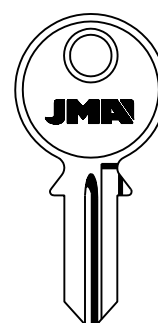


CHR-18
Y153

CITROEN

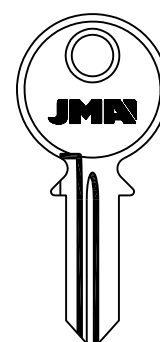


NE-20.P3



R0-41
R62UC

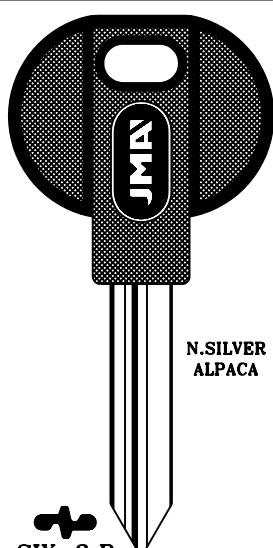
MAGIRUS DEUTZ-MACK-RENAULT
SIMCA-TALBOT-MATRA



R0-5D
L62UC

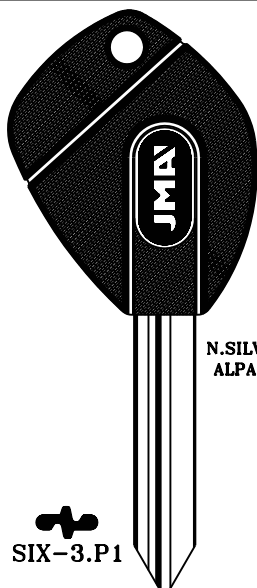
PEUGEOT

CITROEN



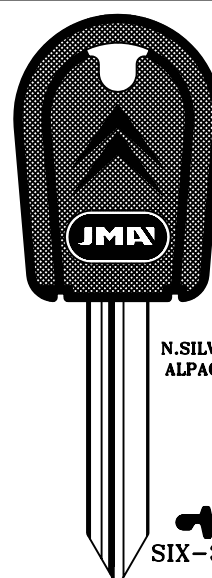
SIX-3.P

N.SILVER
ALPACA



SIX-3.P1

N.SILVER
ALPACA



SIX-3.P2

N.SILVER
ALPACA



SIX-5.P

N.SILVER
ALPACA

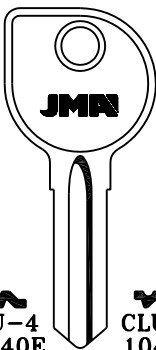



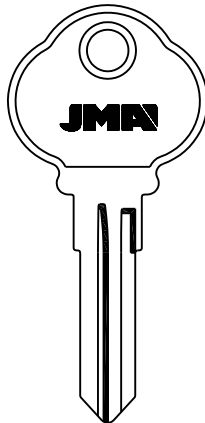





















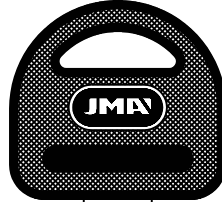









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see note in index.

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marques et dénominations
commerciales voir la note dans
l'index.

CLUM IMBOARD MOTORS	THE CLUB	D.K.W.
  CLU-4 R1040E  CLU-2 R1040C  CLU-11 1040A MARINER OUTBOARDS	  CLB-9  CLB-7 CLB12  CLB-5 CLB9  CLB-3 CLB6  CLB-1 CLB2  CLB-9D  CLB-7D CLB13  CLB-5D CLB10  CLB-3D CLB5  CLB-1D CLB1  CLB-8 CLB14  CLB-6 CLB11  CLB-4 CLB8  CLB-2 CLB4  CLB-8D CLB15  CLB-4D CLB7  CLB-2D CLB3	 STEEL ACERO  NE-13 NE2

DAEWOO			
  DAE-1.P	  DAE-2D	  DAE-2D.P	  DAE-4.P1 DW05AP  DAE-4D.P1 DW05RAP  DAE-3D.P1 DW04RAP

DAEWOO	DAIATSU
  DAE-3.P2  DAE-3D.P2  DAE-5.P  OP-S.P1	  DAI-1.P B72P GEO



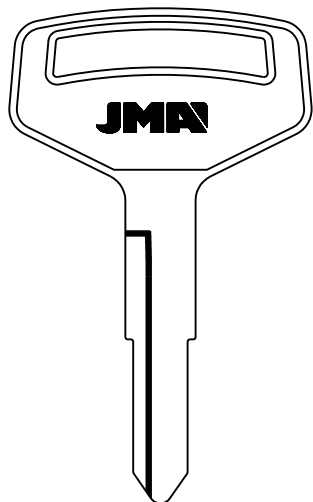
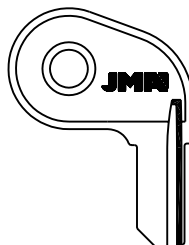

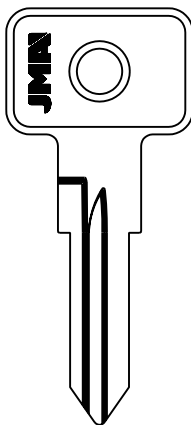







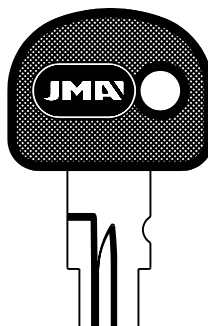







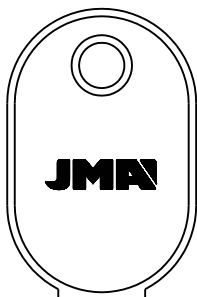
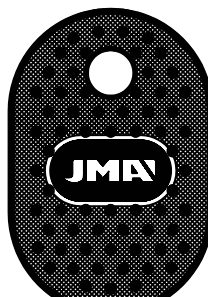
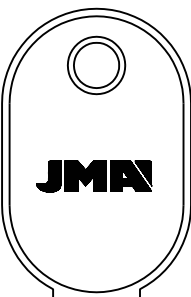
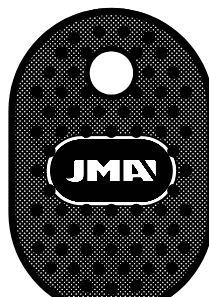
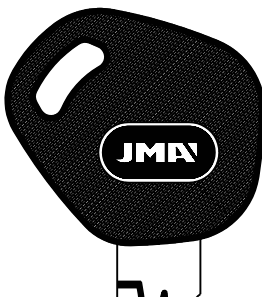





JMA

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commerciales voir la note dans
l'index.

DAIHATSU	EVINRUDE MOTORS	FIAT		
				
 DAI-2D	 PLL-1 OM10 JOHNSTON MOTORS-OMC	 CL-5D F54 AUTOBIANCHI-SEAT	 FI-3	 FI-3D NE54
FIAT				
				
 FI-3D.P	 FI-3D.P1	 FI-3D.P3	 FI-6I.P1	 FI-8I NE56
FIAT				
				
 FI-11	 FI-11.P	 FI-13	 FI-13.P	 FI-13.P1



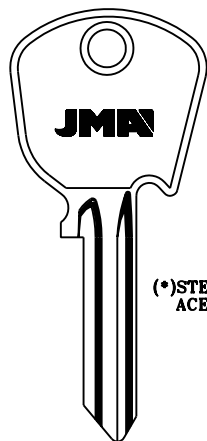
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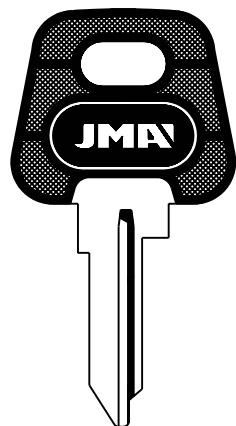
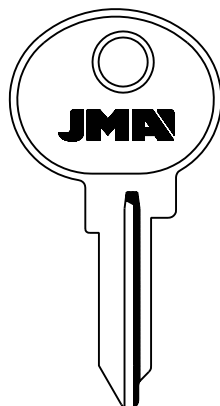
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marques et dénominations
commerciales voir la note dans
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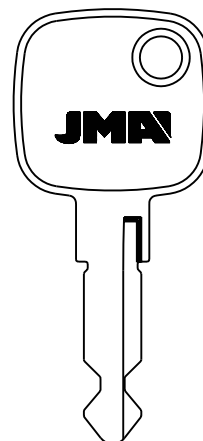
FIAT



(*)STEEL
ACERO



STEEL
ACERO



FK
FO-FK(*)
FT6
ASTON MARTIN-BRI. LEYLAND
JAGUAR-NISSAN-PEUGEOT

FR
FO-FR
FT6R

NE-3
NE20
RENAULT-SIMCA
TALBOT-MATRA

NE-3.P

RENAULT-SIMCA
TALBOT-MATRA

NE-37
NE9

NE-47

FIAT



STEEL
ACERO



STEEL
ACERO

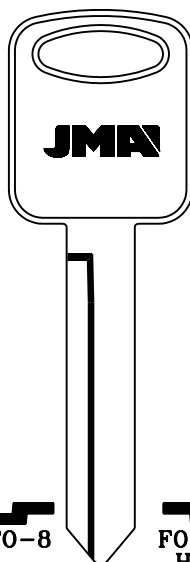
WAS-7I
WS4

WAS-7D
WS2

WAS-9
WS3

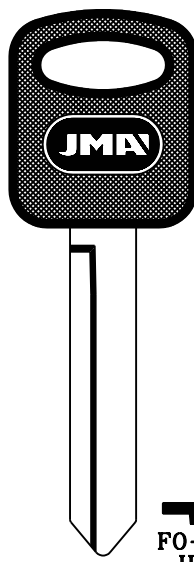
WAS-9D
WS1

FORD

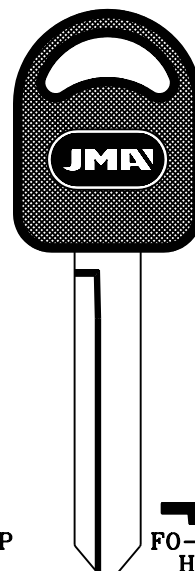


FO-8

FO-8D
H67

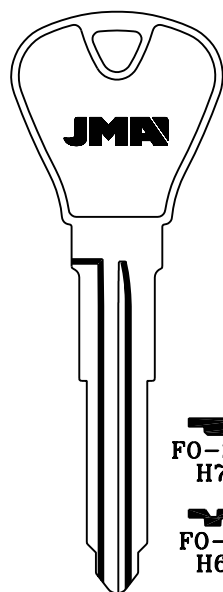


FO-8D.P
H67P



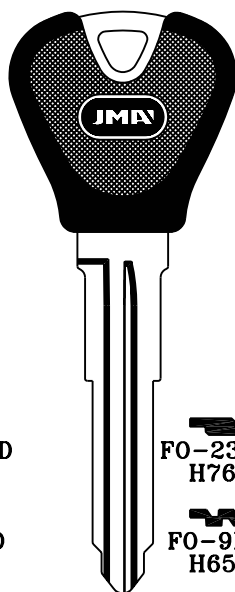
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FORD



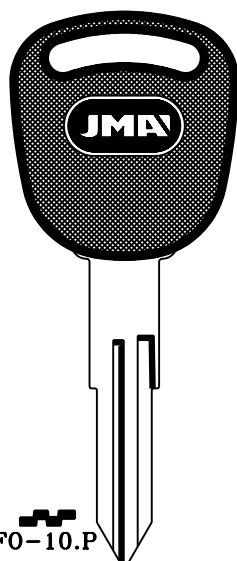
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H76

FO-9D
H65

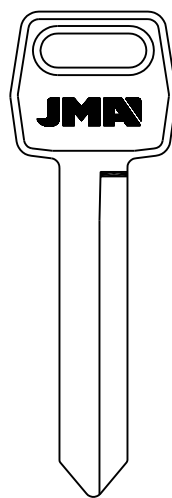


FO-23D.P
H76P

FO-9D.P
H65P

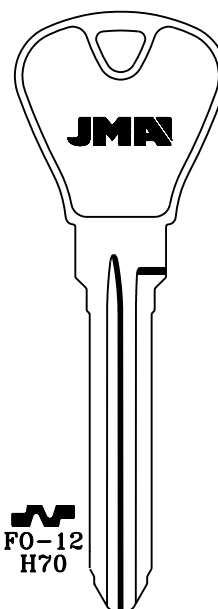


FO-10.P



FO-11

FO-11D
H60



FO-12
H70



JMA

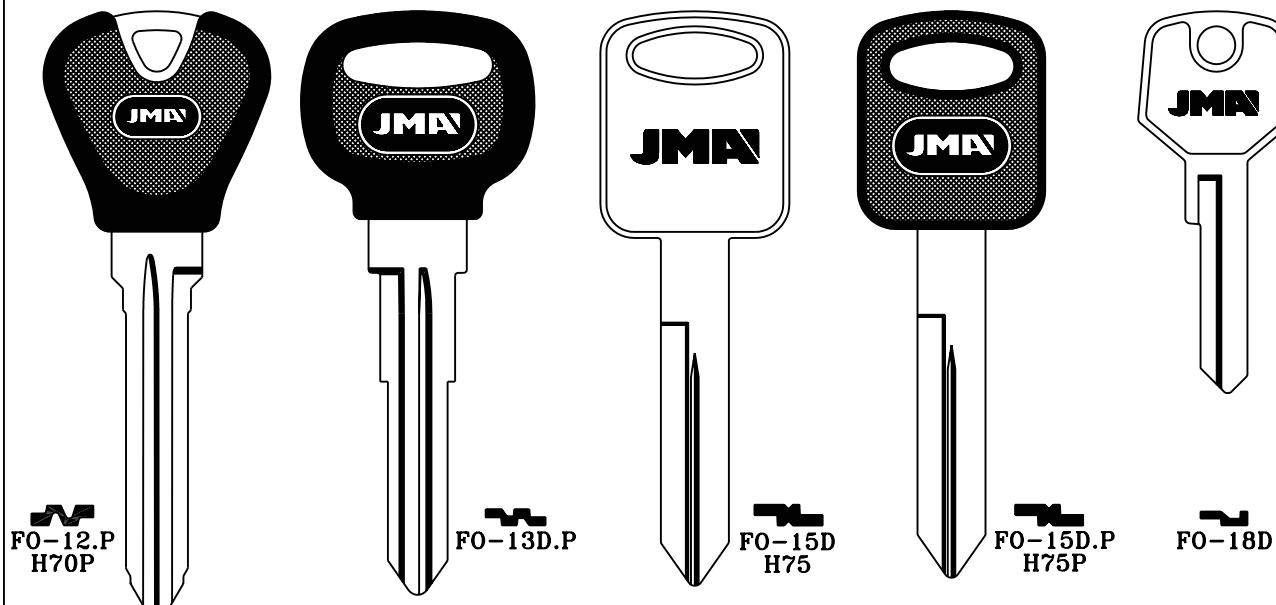
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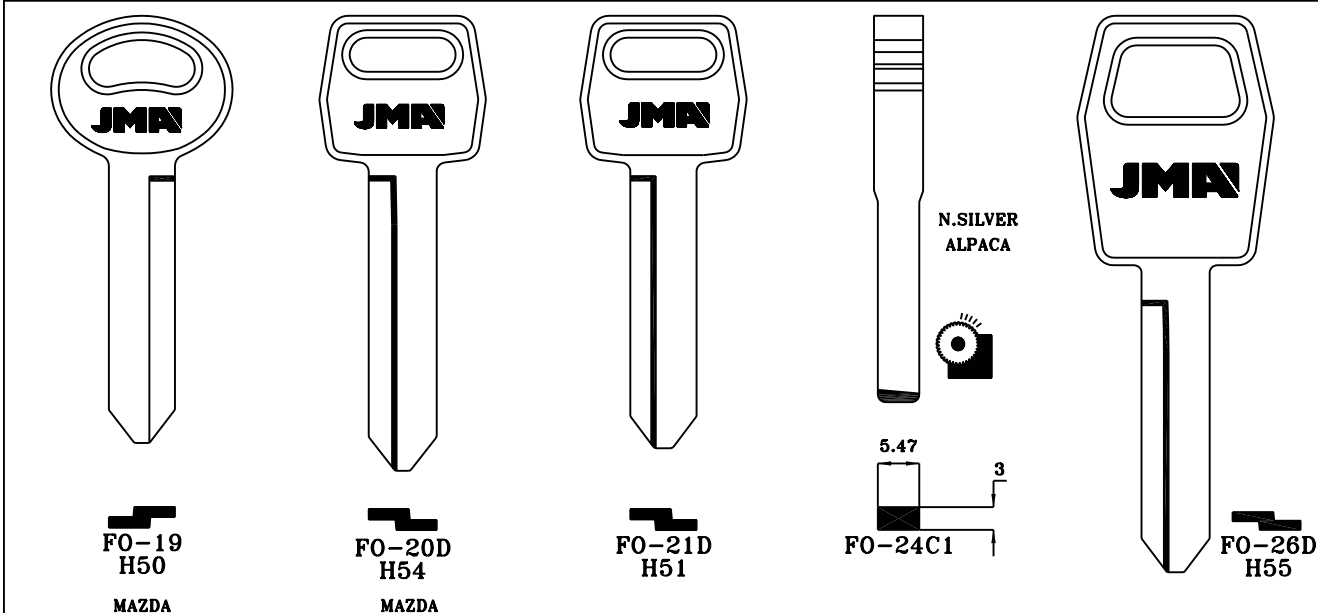
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commerciales voir la note dans
l'index.

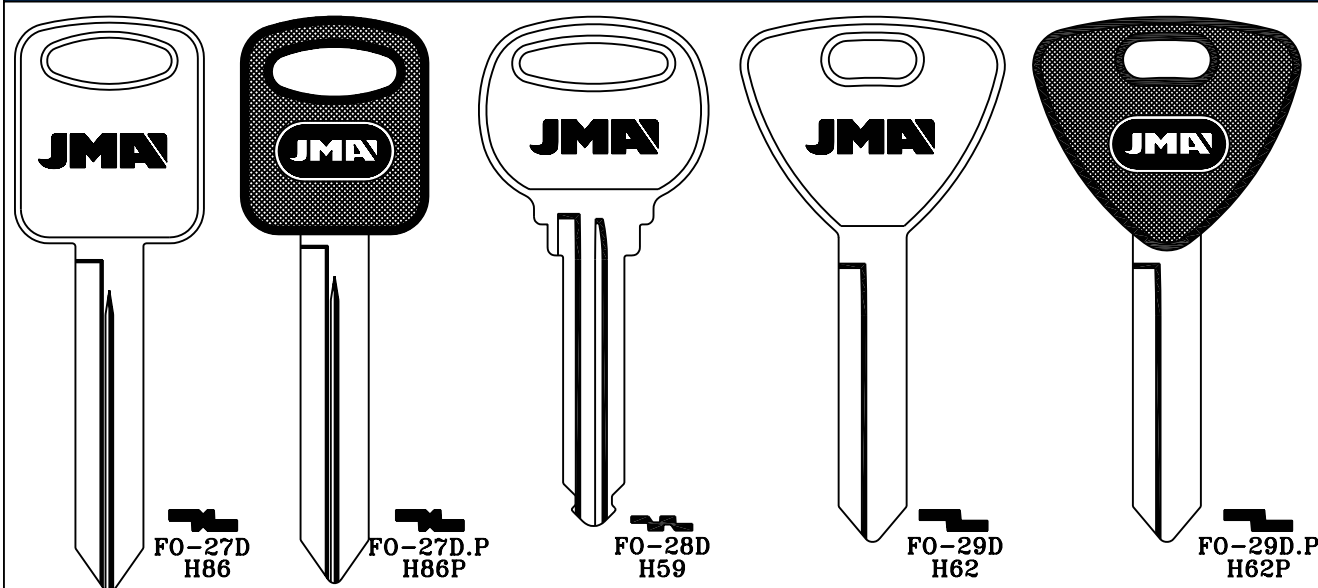
FORD



FORD



FORD



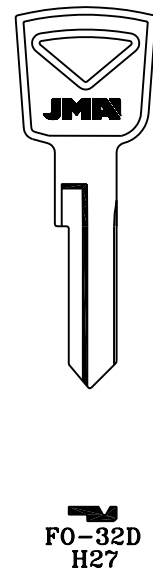
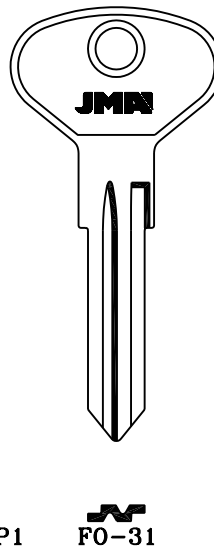
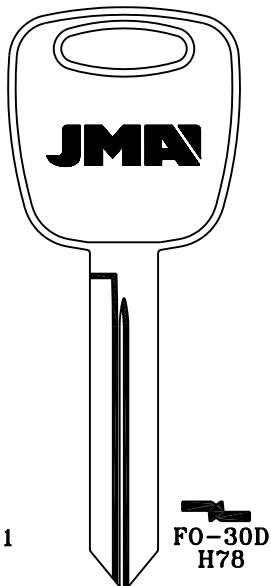
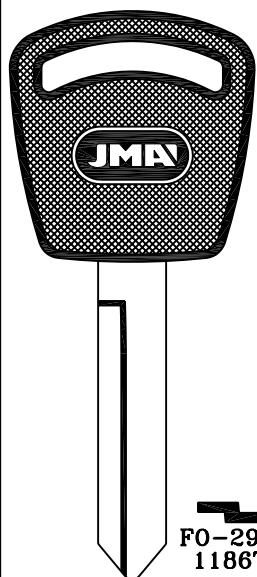
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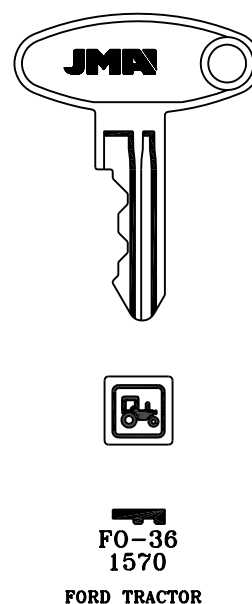
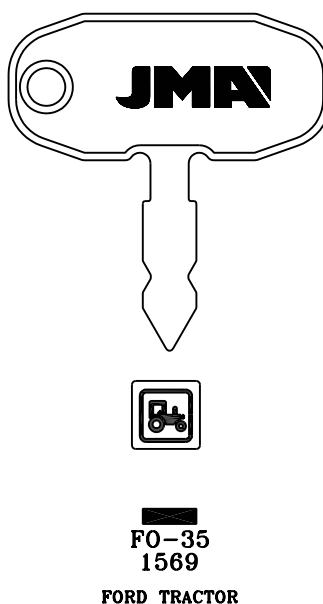
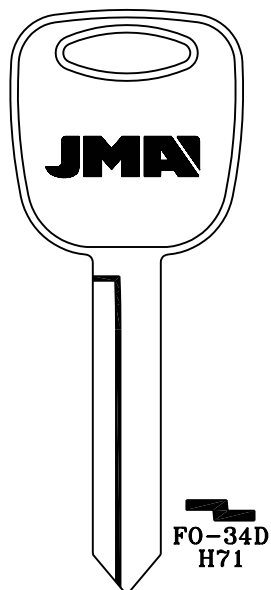
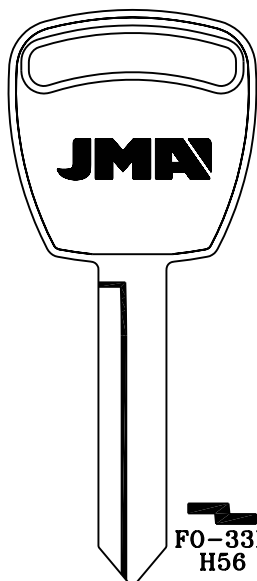
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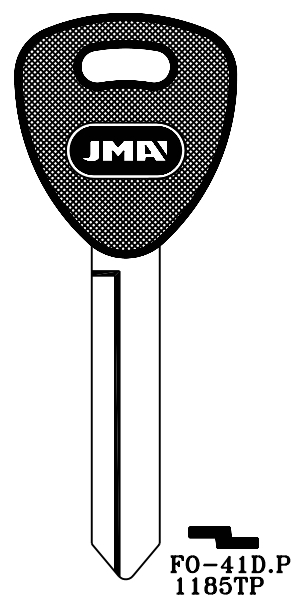
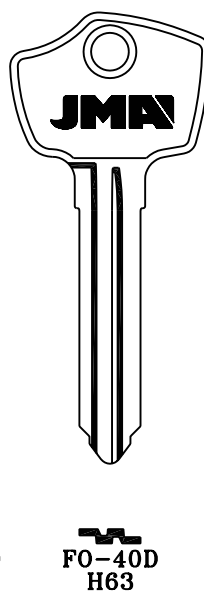
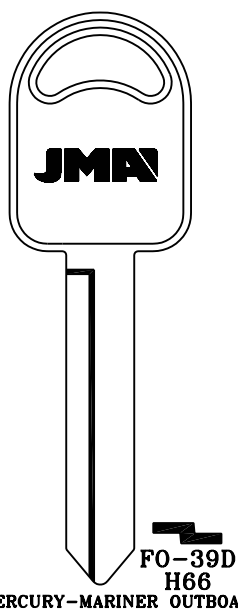
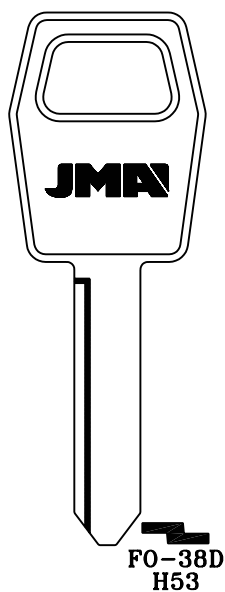
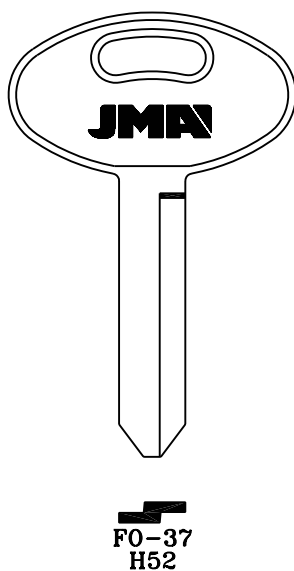
FORD



FORD



FORD



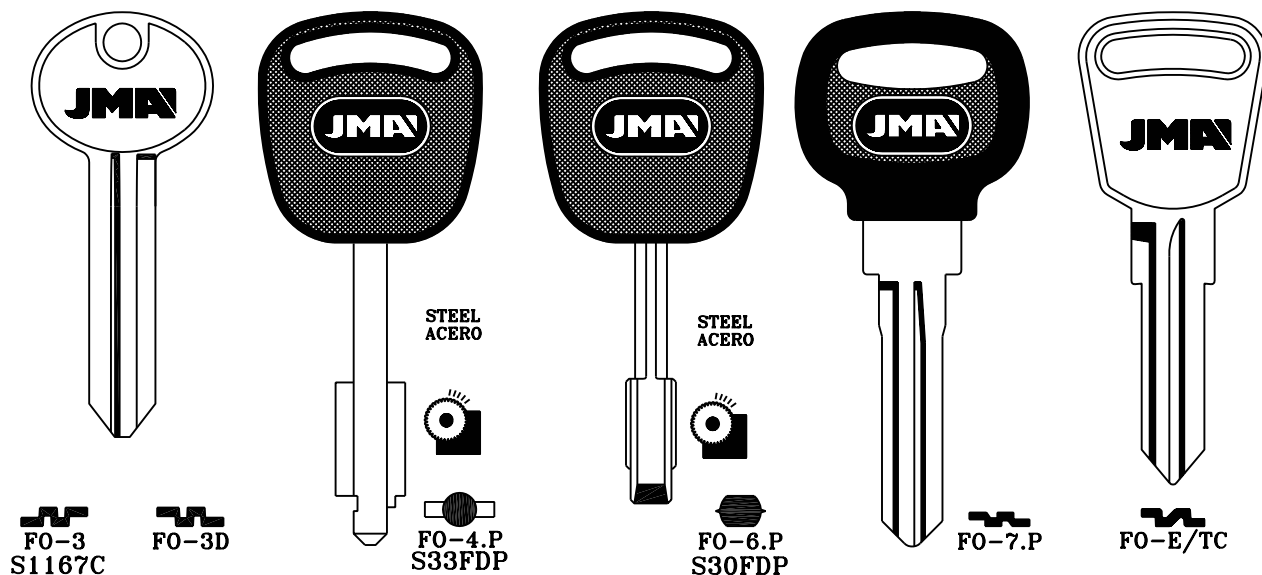
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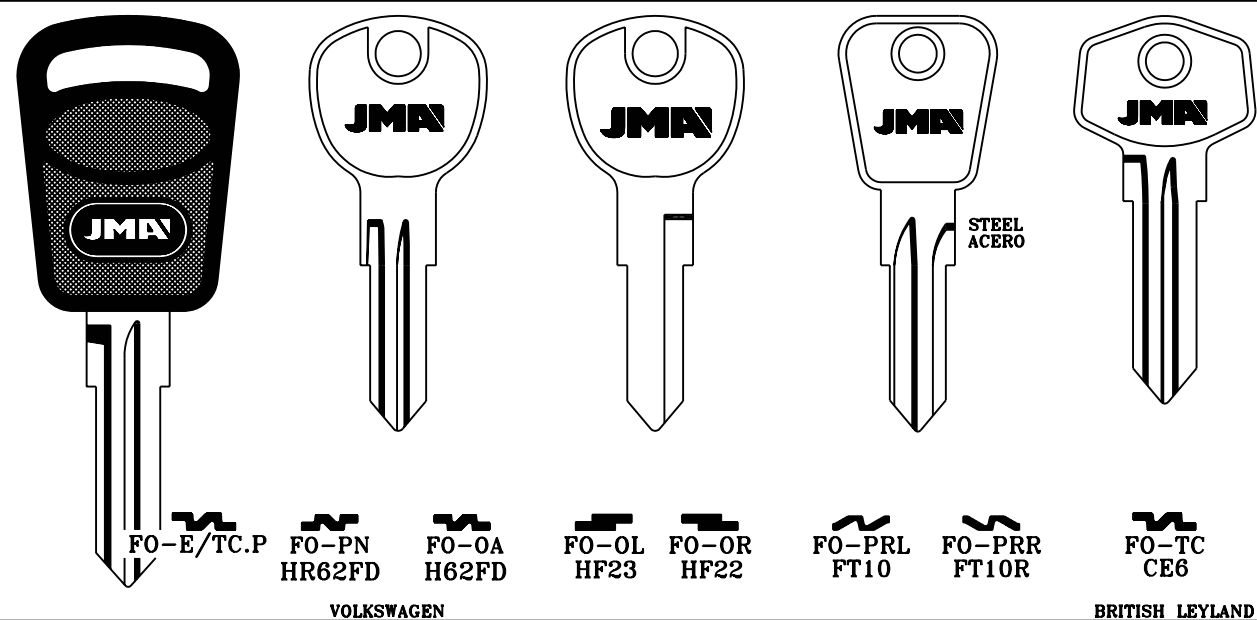
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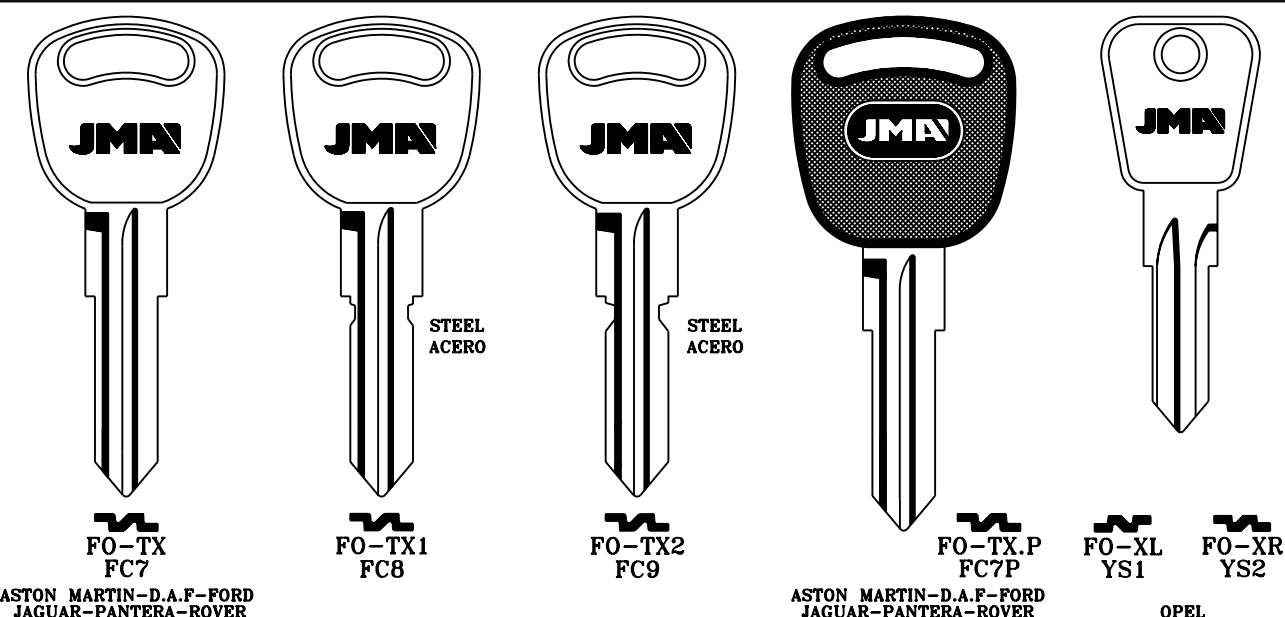
FORD INTERNATIONAL



FORD INTERNATIONAL



FORD INTERNATIONAL



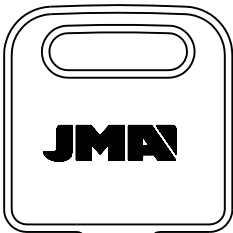

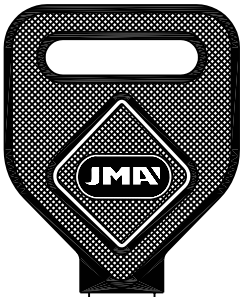

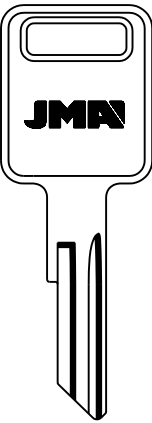

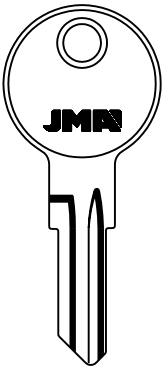



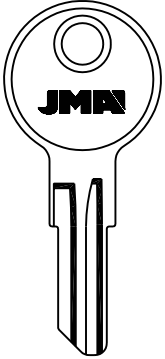

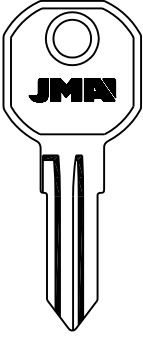












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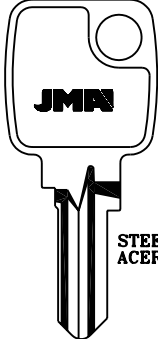

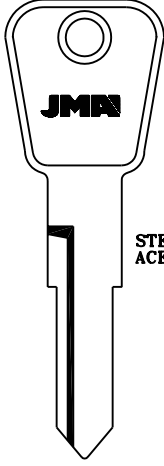

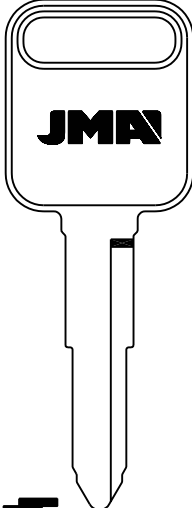

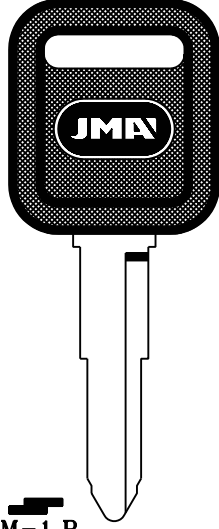

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FORD INTERNATIONAL	FREIGHTLINER			GAS
 JMA N.SILVER ALPACA  JAU-1.P S32FJP	 JMA  FRE-1 1588	 JMA  FRE-1.P 1629P	 JMA  AMM-1 1584	 JMA  GAS-1

GAS				
 JMA  GAS-3 B52	 JMA  GAS-2	 JMA STEEL ACERO  GAS-2D	 JMA STEEL ACERO  GAS-4 1611	 JMA STEEL ACERO  GAS-4D 1611R
 LAS-5 63H FIAT-MERCEDES-PEUGEOT SIMCA-TALBOT-MATRA	 LAS-5D R63H			
 LAS-P KM6		 LAS-XS KM5		
		 LAS-SX KM7		

GAS			GENERAL MOTORS	
 JMA STEEL ACERO  LAS-Y KM2 PEUGEOT-SIMCA-TALBOT MATRA-RICOUARD	 JMA STEEL ACERO  NE-32 PN2	 JMA STEEL ACERO  WAS-1 WS11	 JMA  GM-1	 JMA  GM-1.P



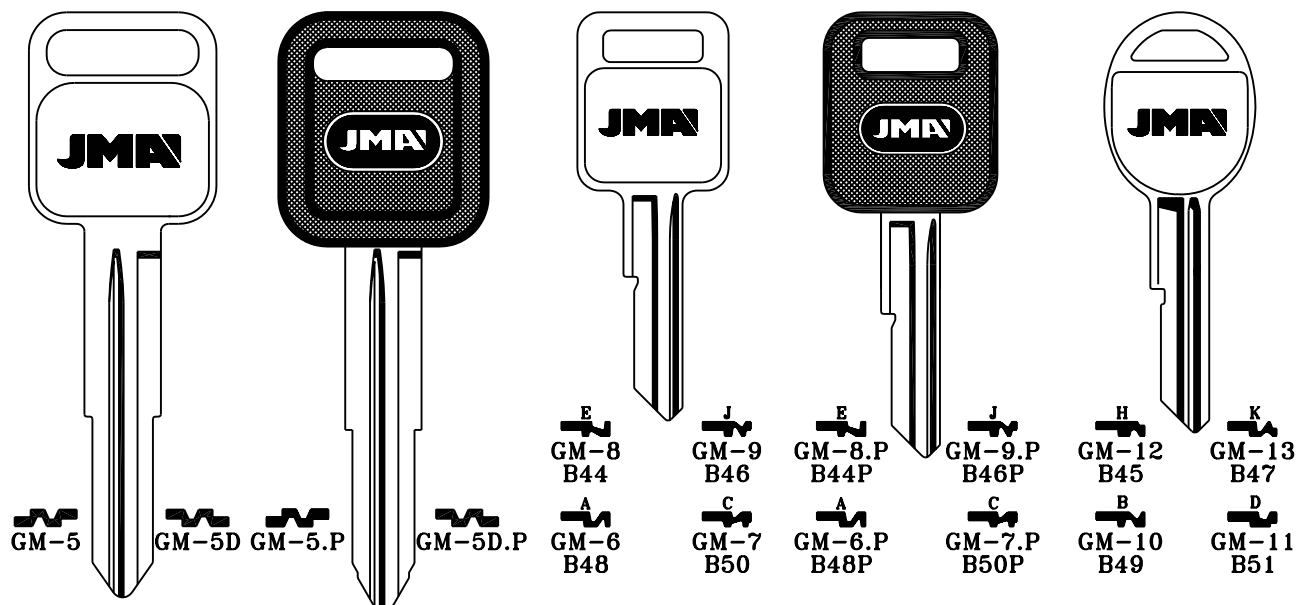
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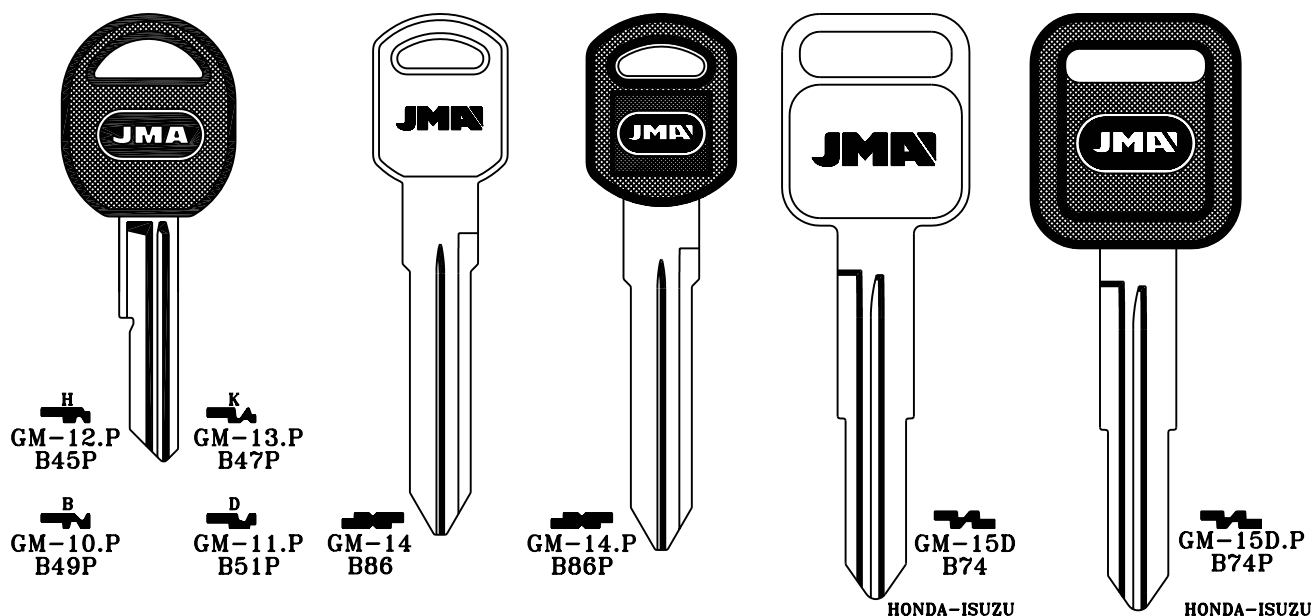
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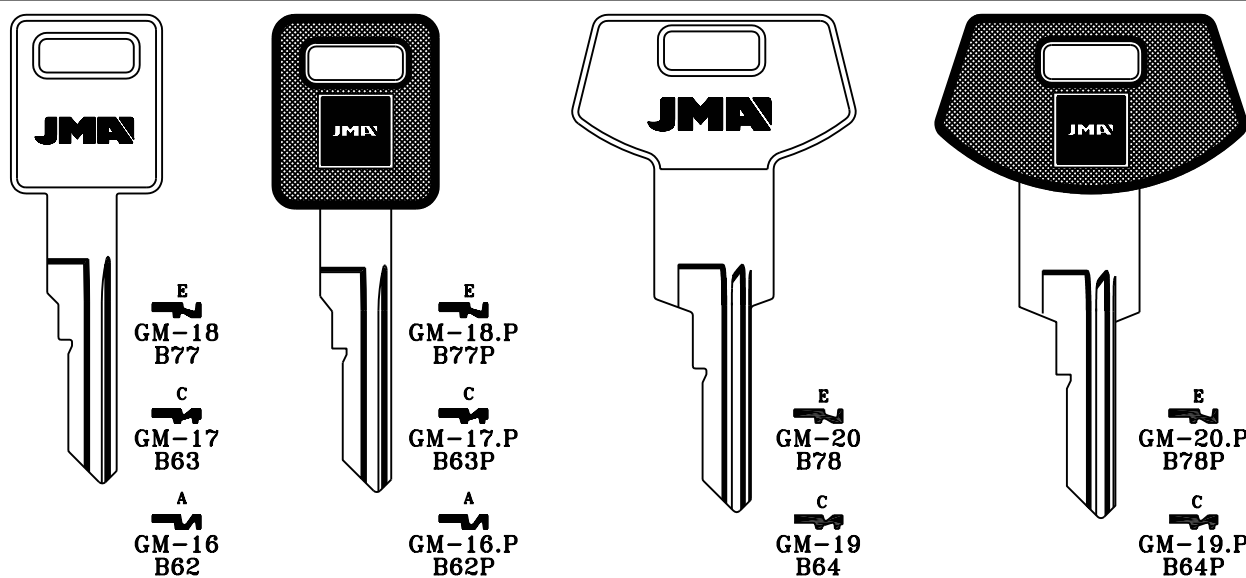
GENERAL MOTORS



GENERAL MOTORS



GENERAL MOTORS



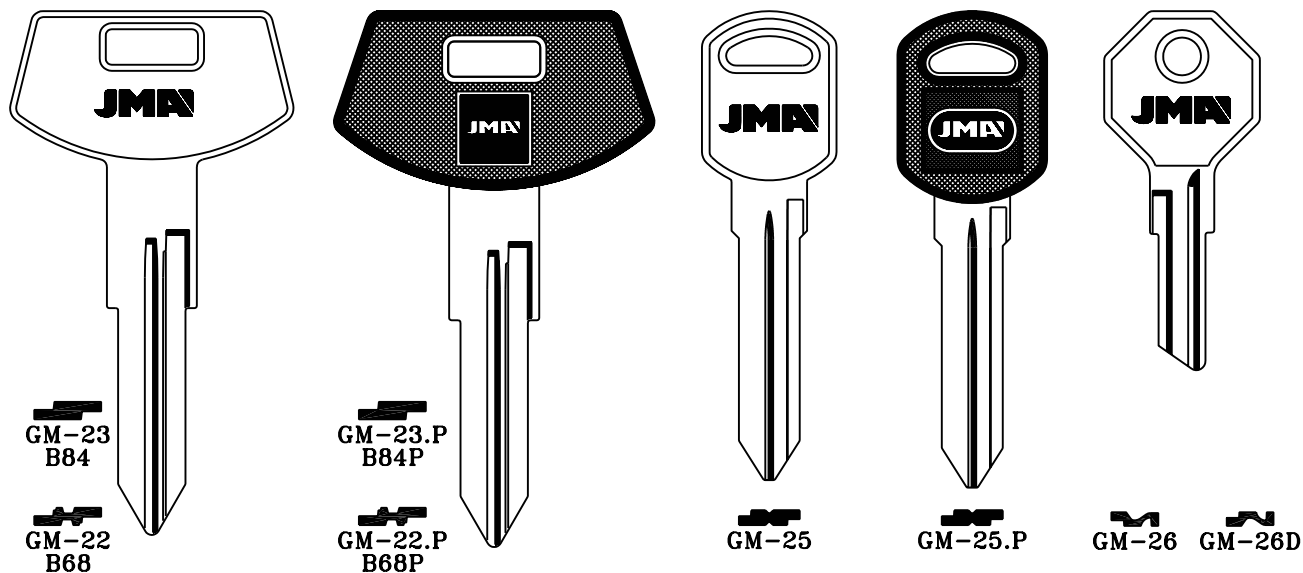
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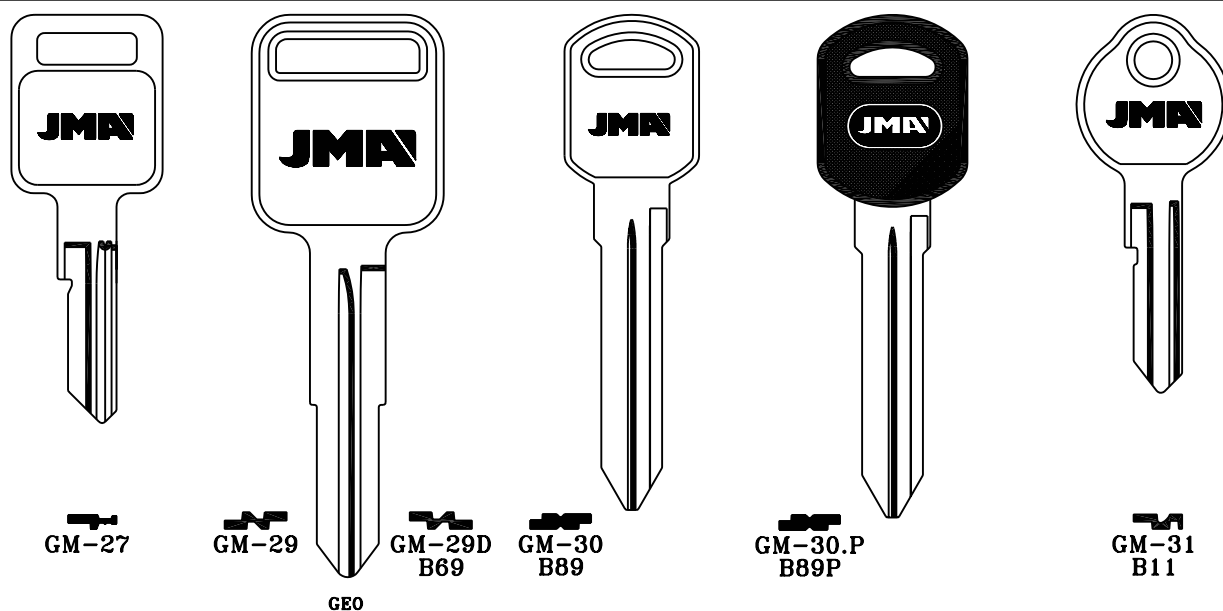
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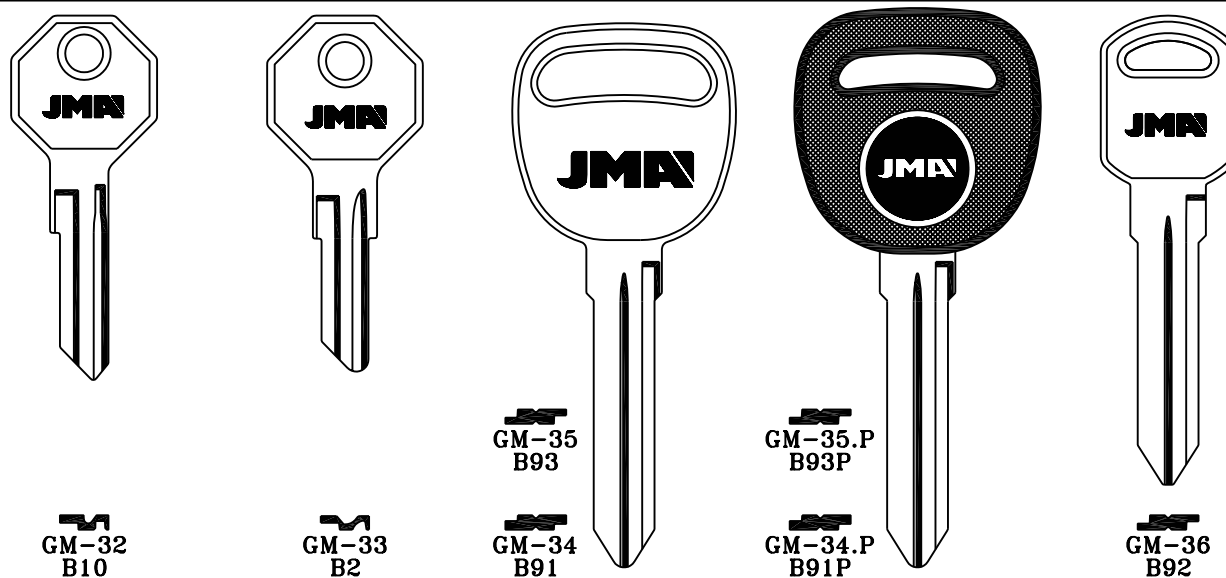
GENERAL MOTORS



GENERAL MOTORS



GENERAL MOTORS



JMA

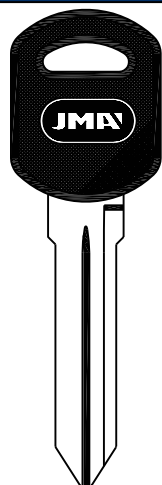
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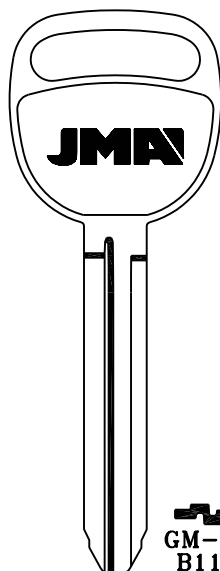
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commerciales voir la note dans
l'index.

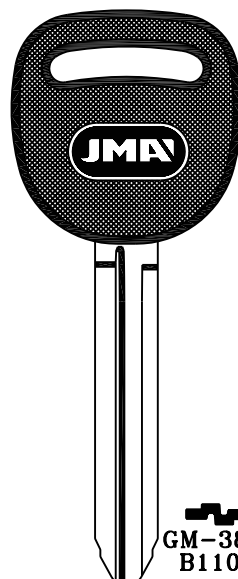
GENERAL MOTORS



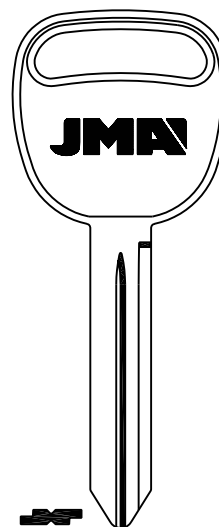
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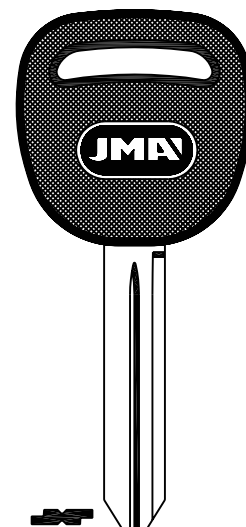
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B110



GM-38.P
B110P

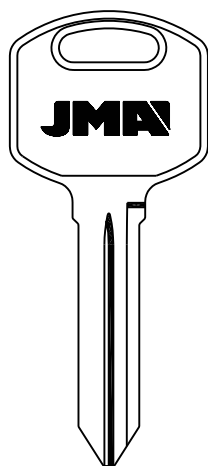


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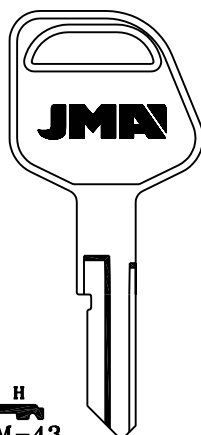


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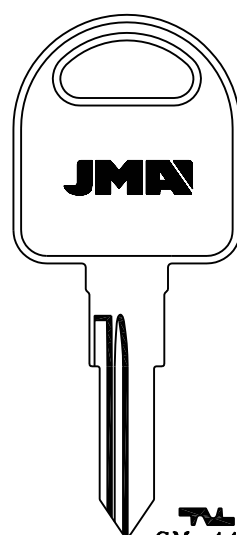
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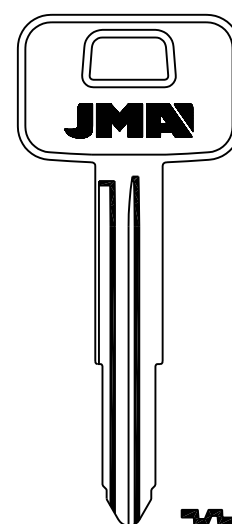
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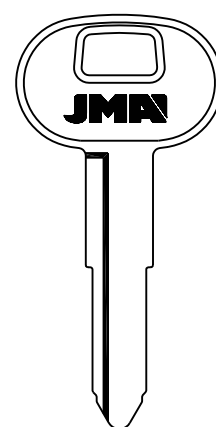
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GM-43
B79



D
GM-42D
B67



GM-44D
B59

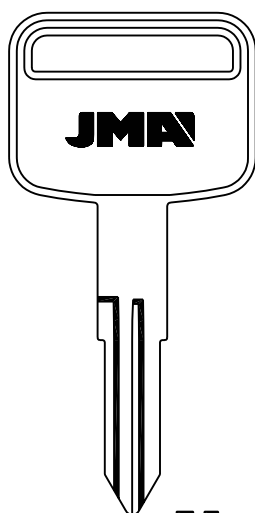


GM-45D
B55

GM-46D
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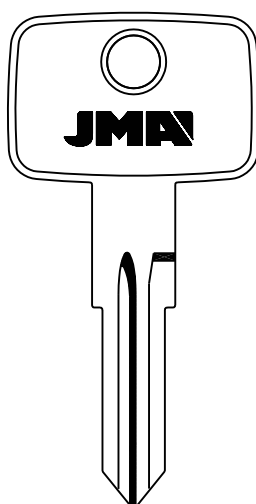
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GENERAL MOTORS



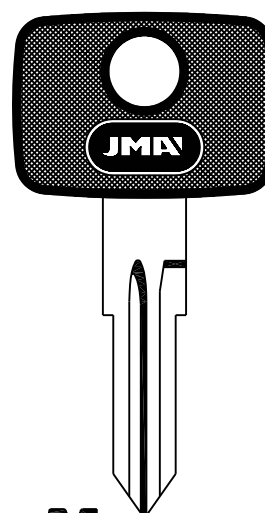
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ISUZU



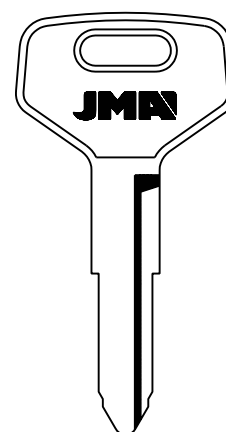
OP-S
B61

OPEL



OP-S.P

OPEL



TOYO-14
DC1

CHRYSLER - ISUZU
MITSUBISHI - SUZUKI

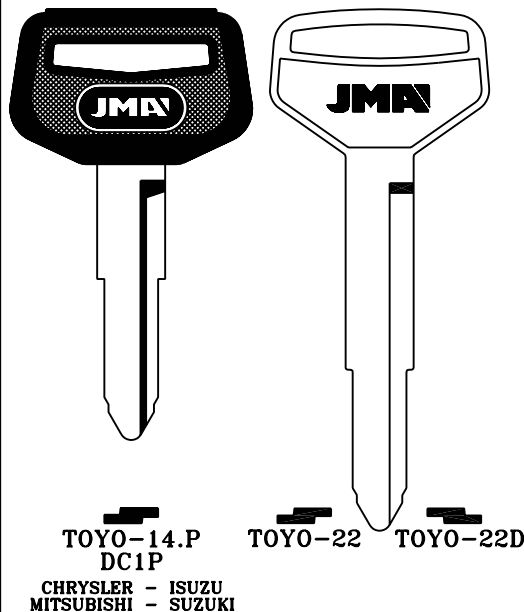
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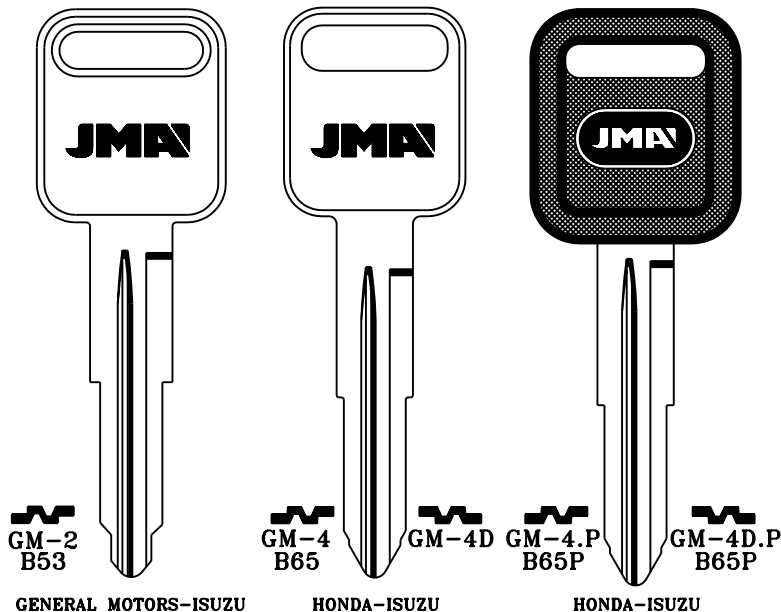
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
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commerciales voir la note dans
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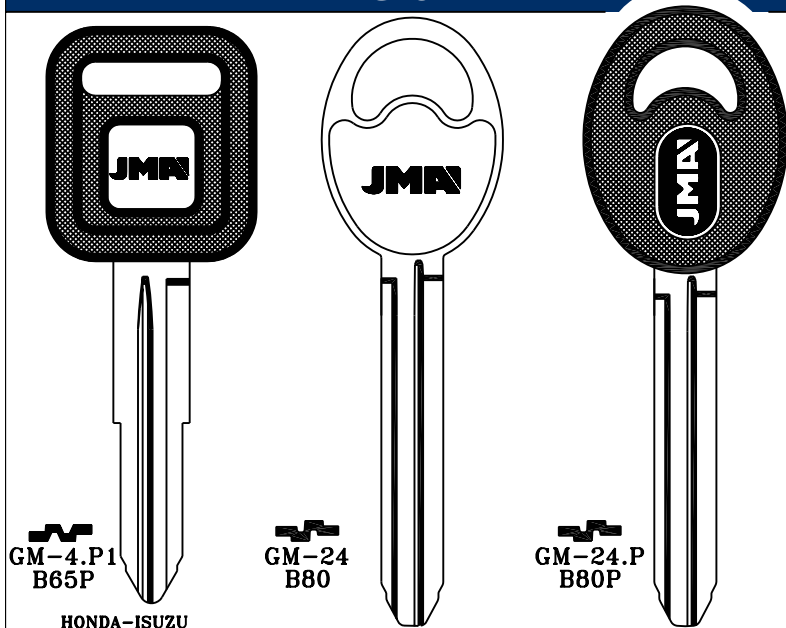
GENERAL MOTORS



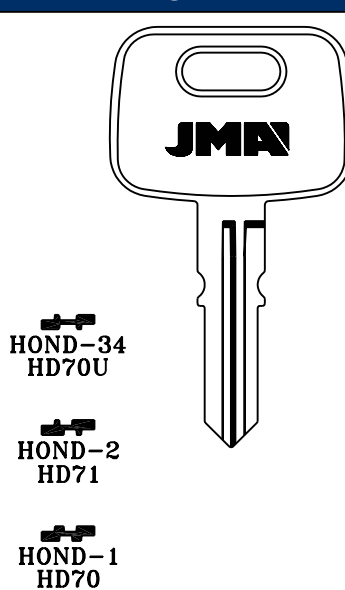
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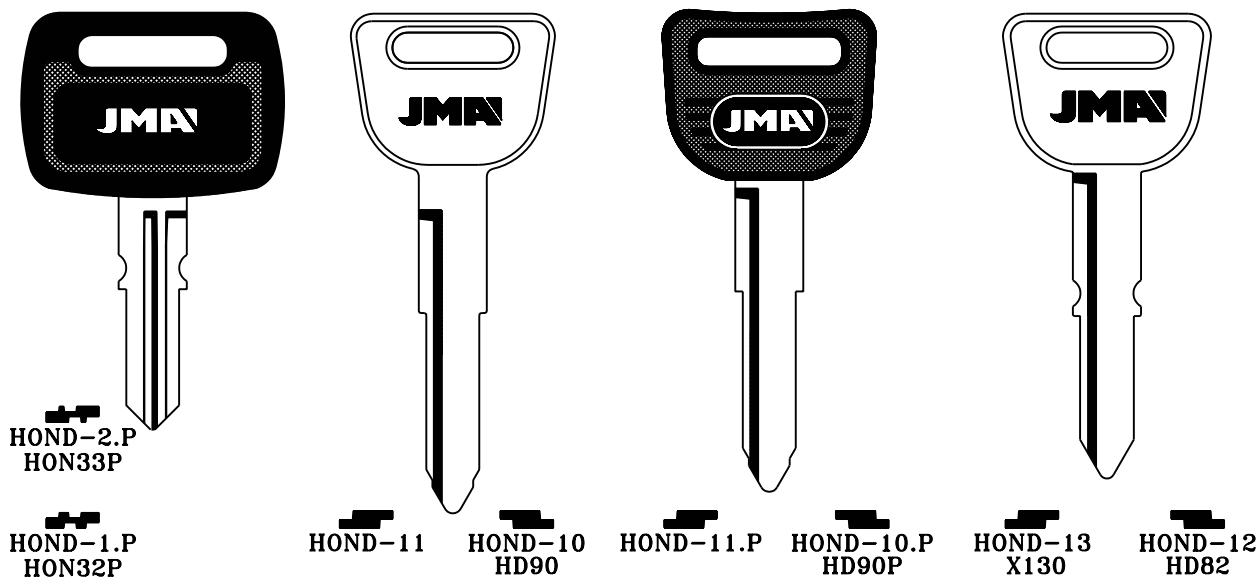
GEO



HONDA



HONDA



JMA

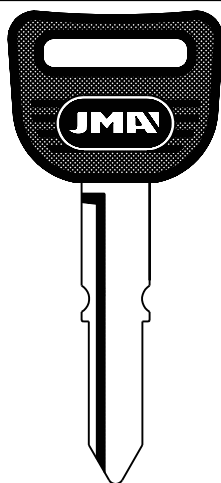
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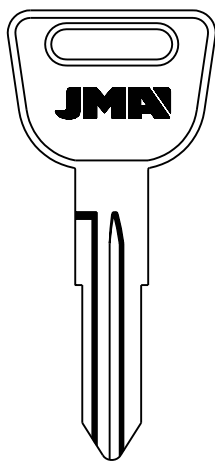
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see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

HONDA



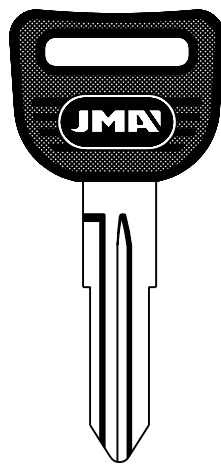
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HON38RP



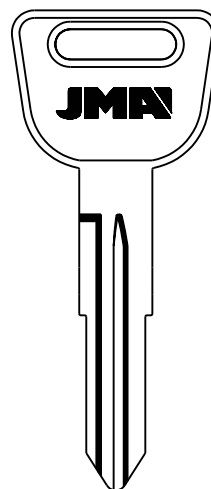
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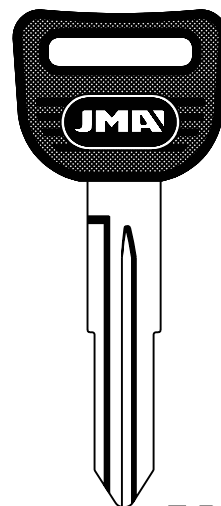
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HOND-14.P

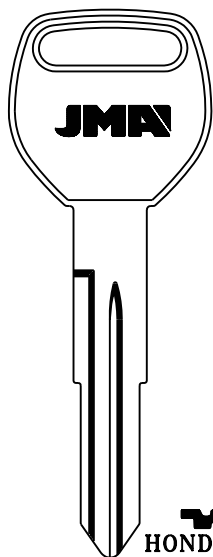


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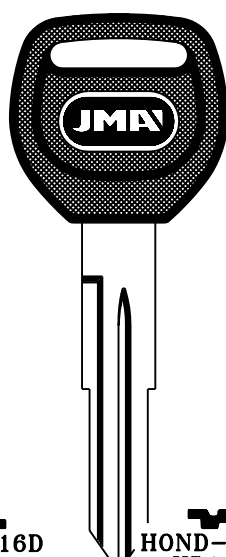


HOND-15.P
HD91P

HONDA



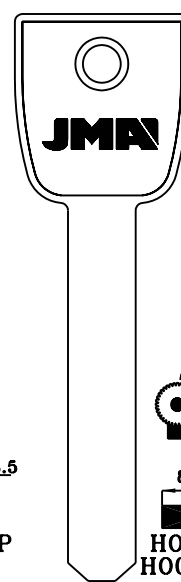
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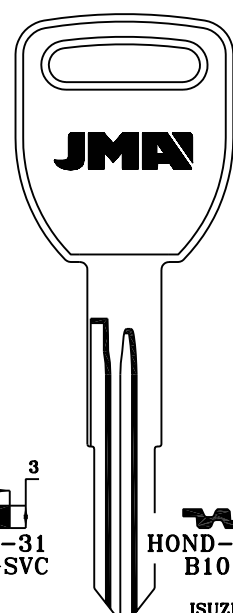
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N.SILVER
ALPACA
9 3.5
HOND-17.P

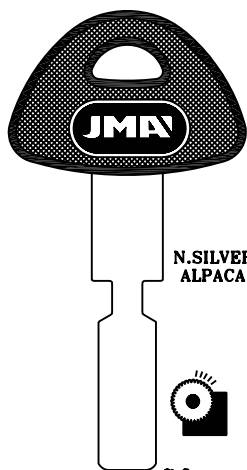


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8.95 3
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HO01-SVC

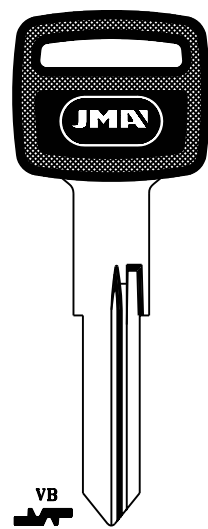


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HUF



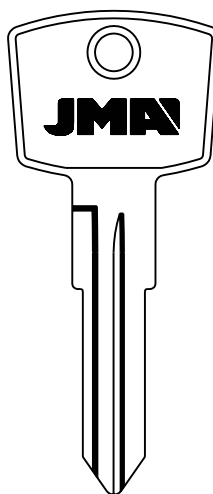
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HU-2.P



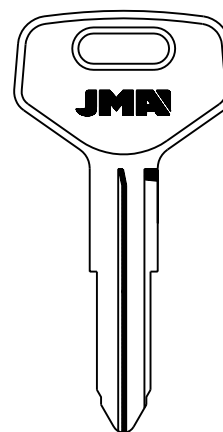
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SCANIA

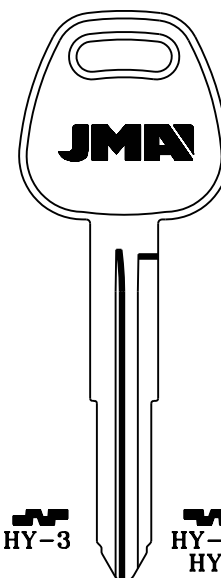
HYUNDAI



HY-1



HY-2



HY-3

HY-3D
HY5

MITSUBISHI



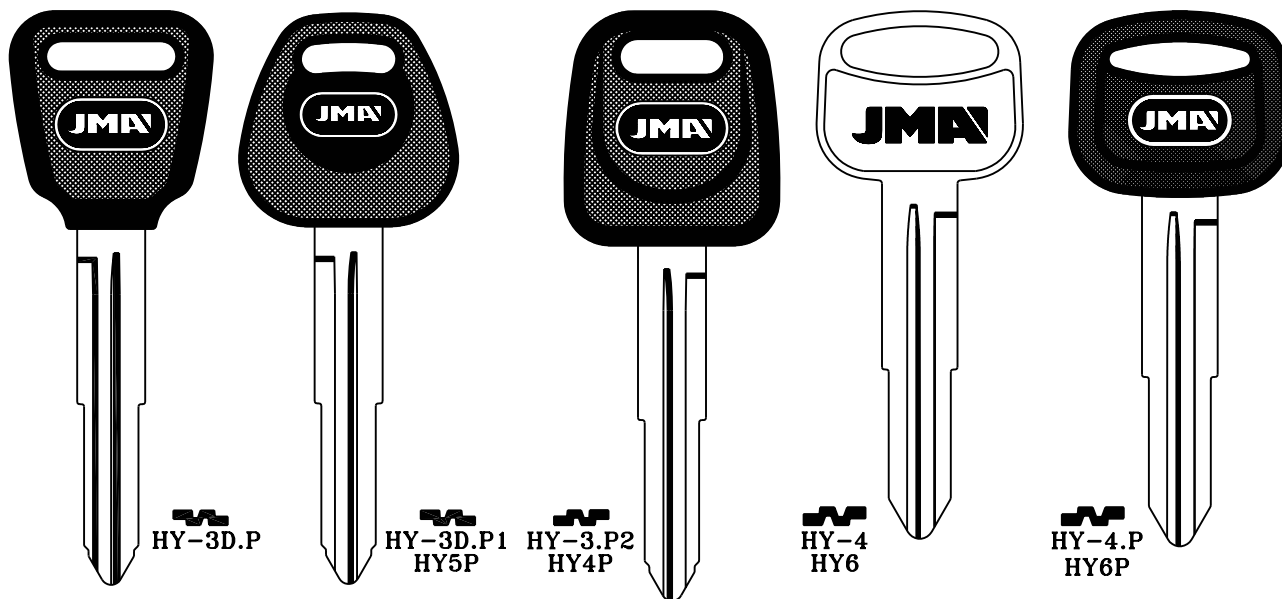
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and commercial denominations
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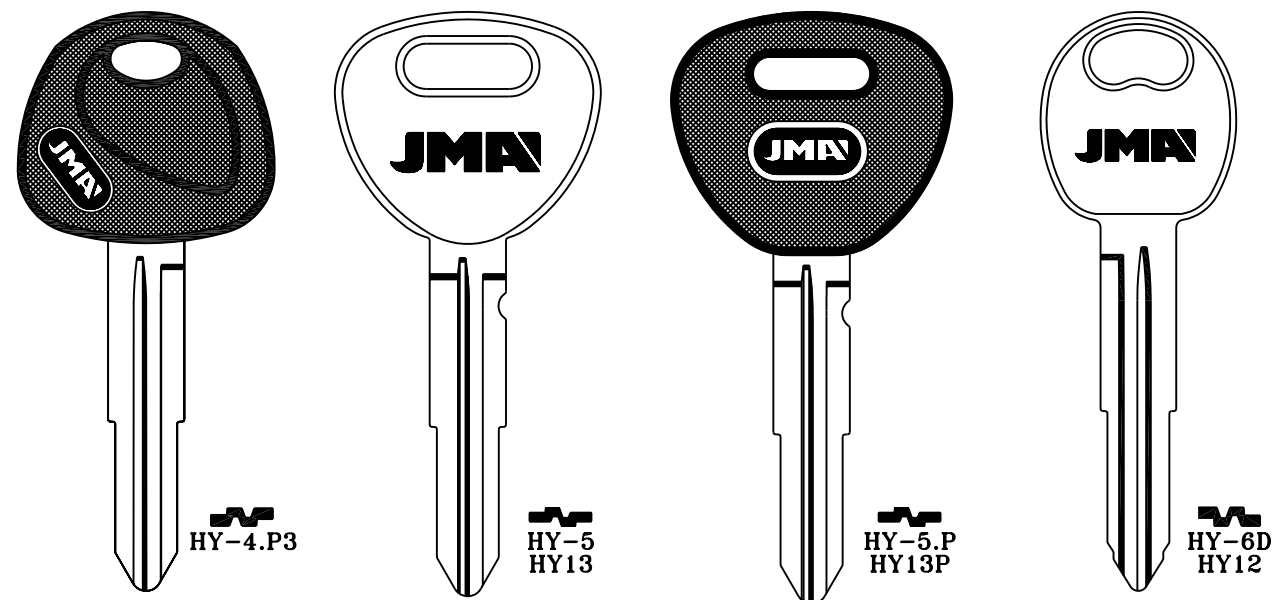
Attention: Concernant les
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HYUNDAI

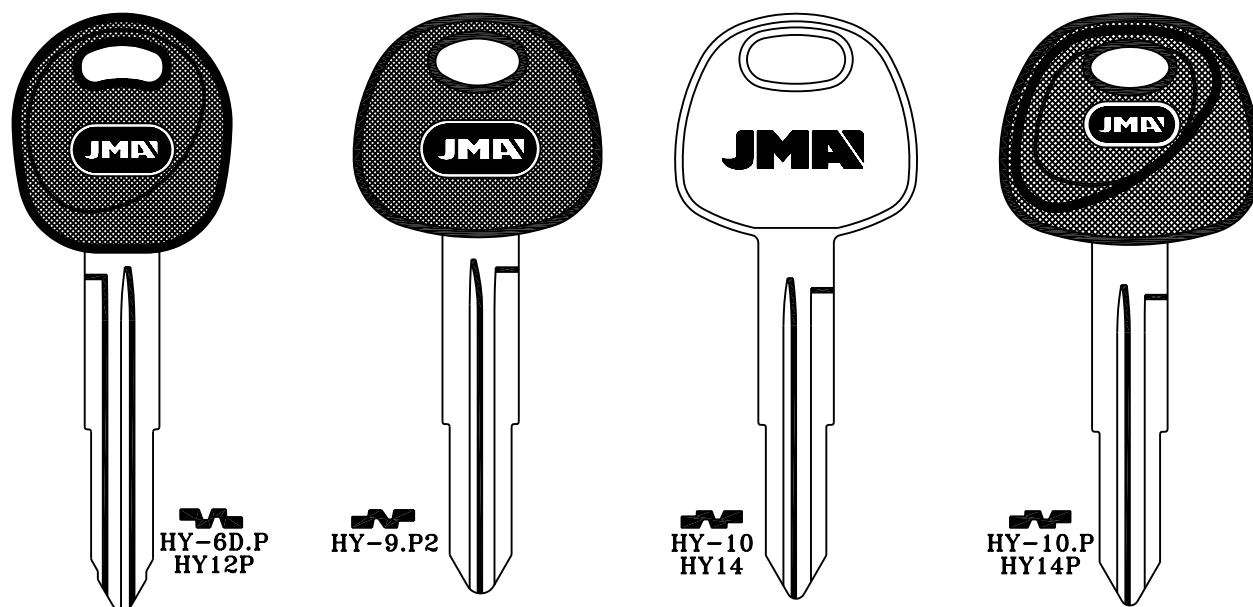


mitsubishi

HYUNDAI



HYUNDAI



JMA

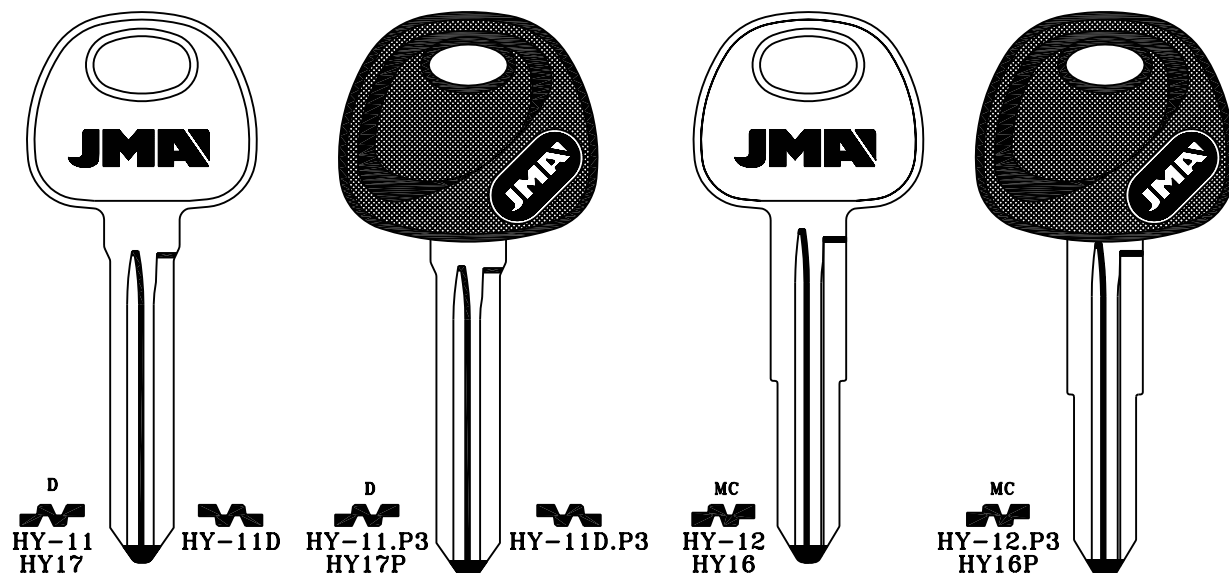
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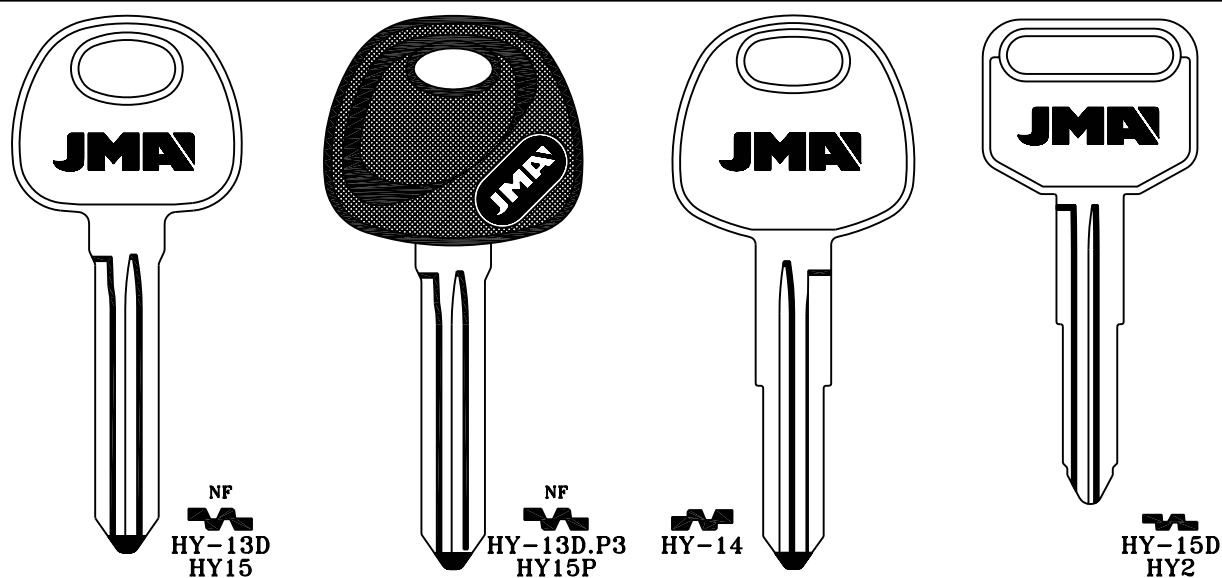
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commerciales voir la note dans
l'index.

HYUNDAI



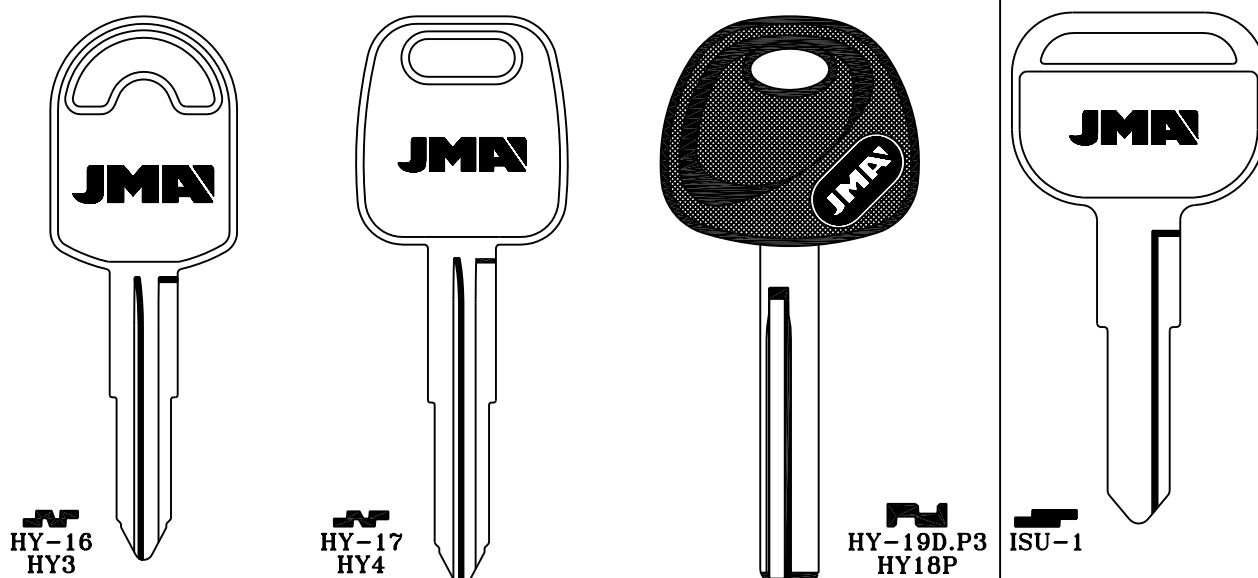
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MITSUBISHI

HYUNDAI

ISUZU



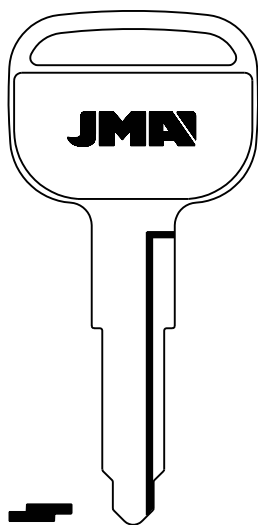
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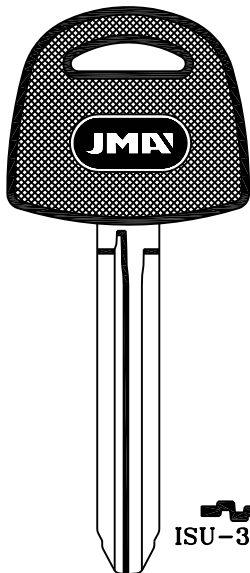
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see note in index.

Attention: Concernant les
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commerciales voir la note dans
l'index.

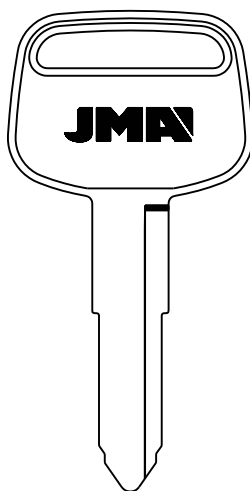
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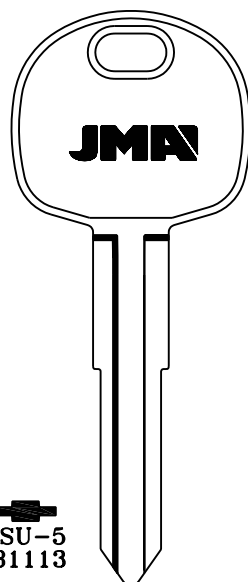
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ISU-3D.P

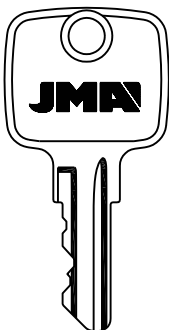


ISU-4



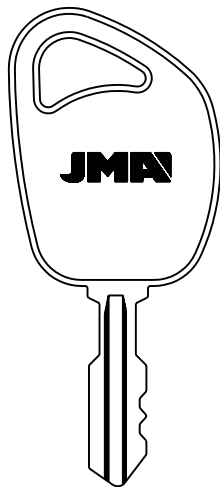
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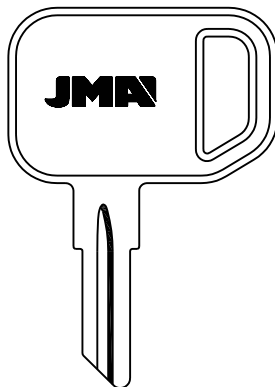


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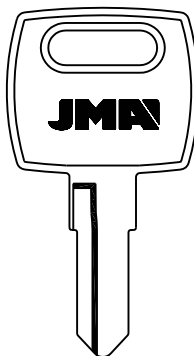
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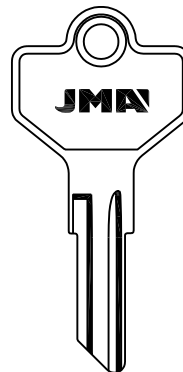


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E1098JD



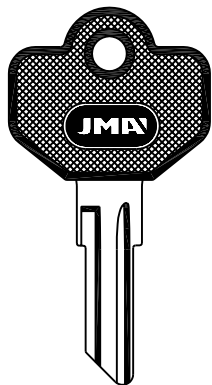
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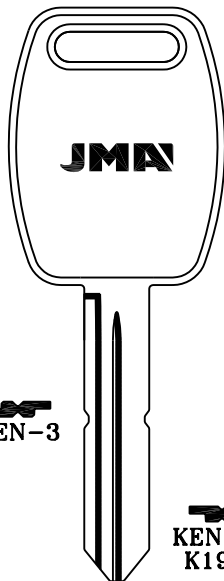


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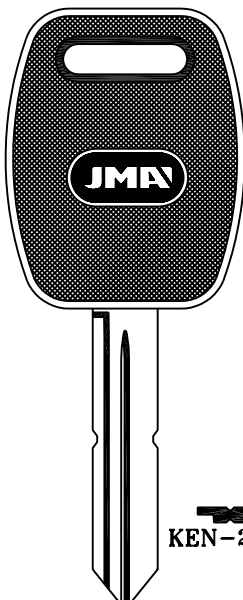
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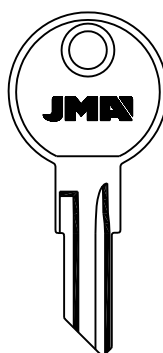
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KEN-2D
K1994
PETERBILT

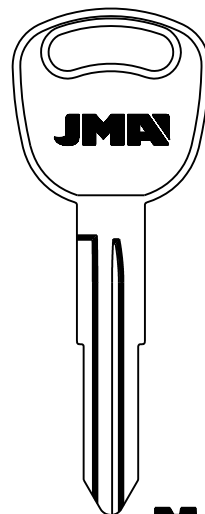


KEN-2D.P



KEN-4
1657

KIA



KI-1D
KK1



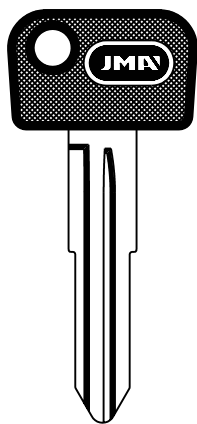
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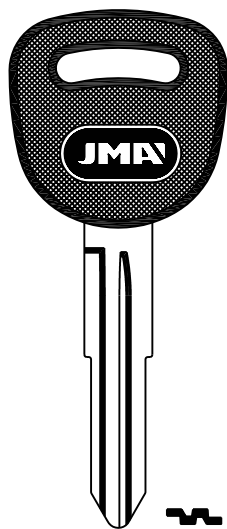
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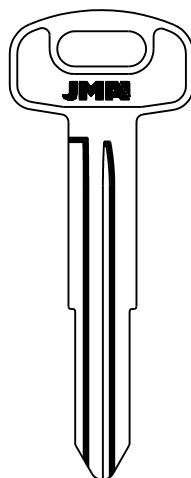
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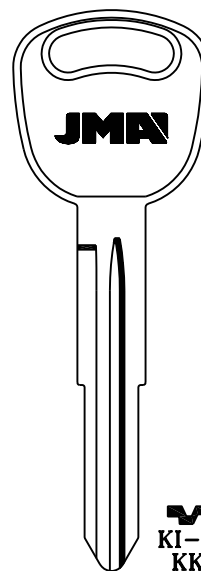
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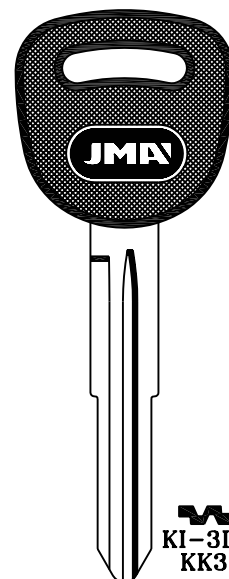
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KK1P



KI-2D
KK2

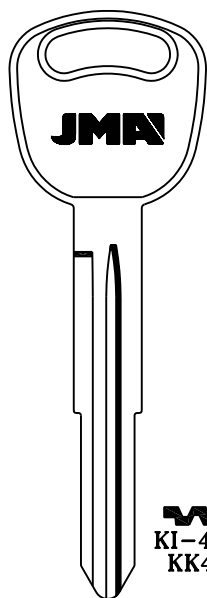


KI-3D
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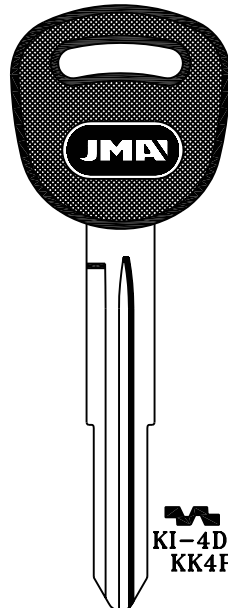


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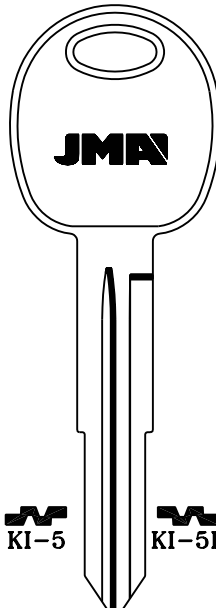
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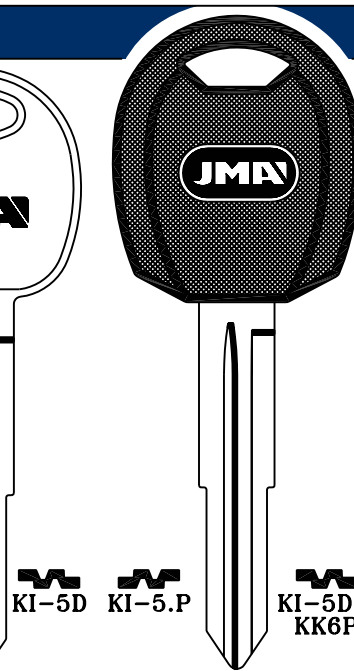
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KI-4D.P
KK4P

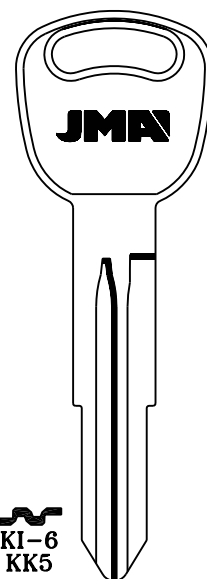


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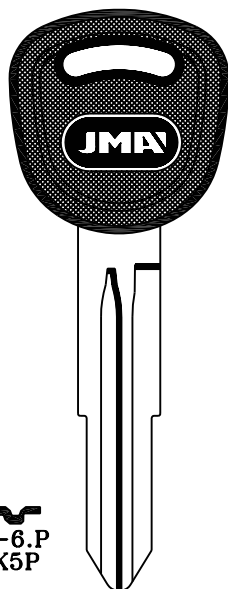
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KI-5D.P
KK6P

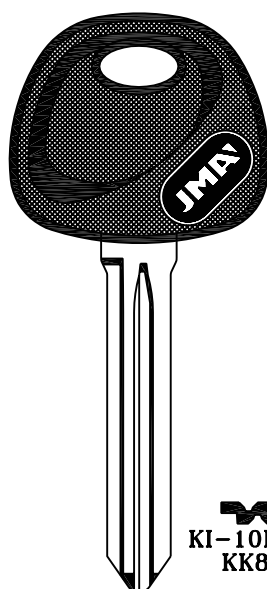


KI-6
KK5

KIA



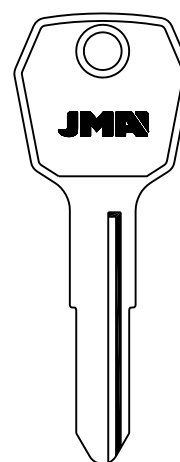
KI-6.P
KK5P



KI-10D.P3
KK8P

HYUNDAI

KOMATSU



KOM-1
1519

LANCIA



GIOB-2I
GT1

GIOB-1D
GT3



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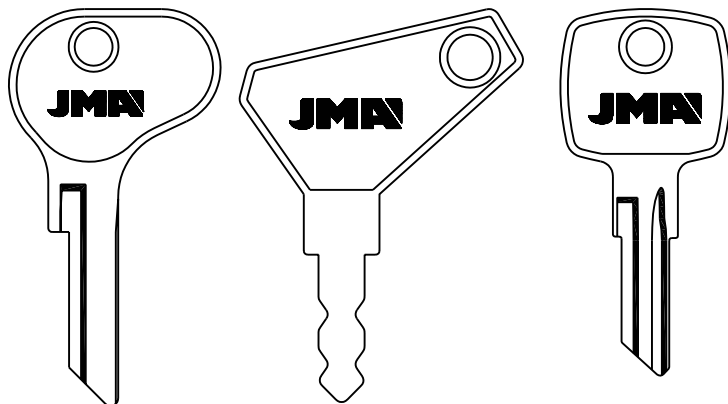
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commerciales voir la note dans
l'index.

Achtung: Beziehen auf die Marke
und Handelsname sehen sie die
Notiz im Index.

MACK



BH-1
NE10

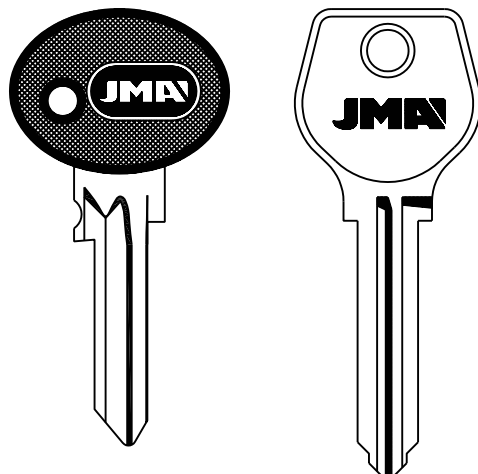
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DAV10

MAK-1

BORGWARD-L.K.W

MAGIRUS DEUTZ

MAZDA



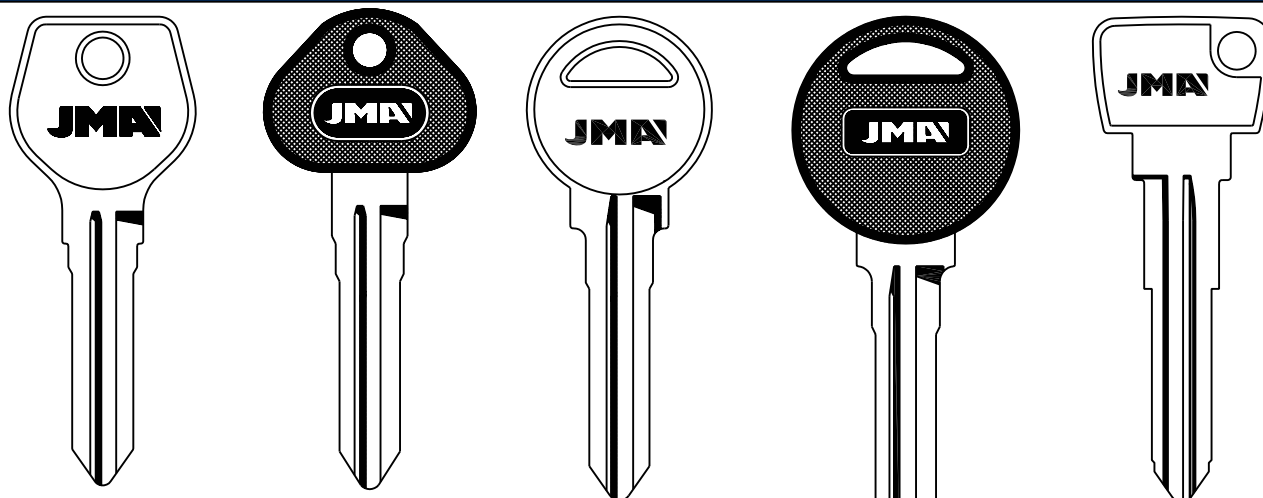
FO-FR.P

MAZ-1I
MZ4

MAZ-1D
MZ5

FORD

MAZDA



MAZ-2I
MZ10

MAZ-2D
MZ9

MAZ-2I.P

MAZ-3I
MZ13R

MAZ-3D
MZ13

MAZ-3I.P

MAZ-3D.P
MZ13P

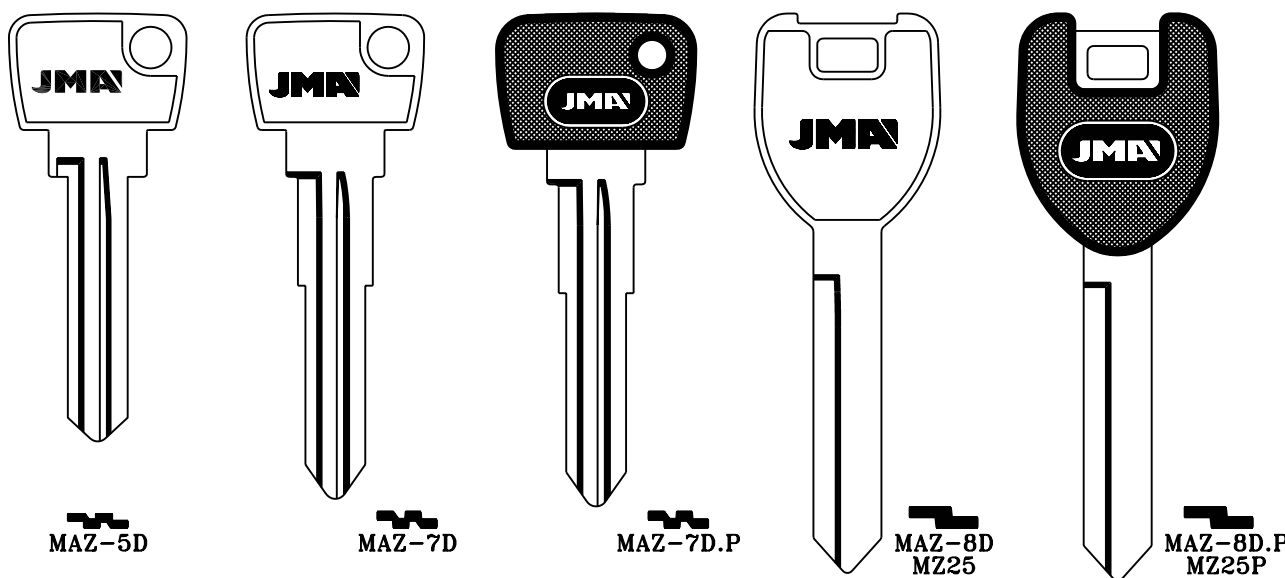
MAZ-4

FORD

FORD

FORD

MAZDA



MAZ-5D

MAZ-7D

MAZ-7D.P

MAZ-8D
MZ25

MAZ-8D.P
MZ25P



JMA

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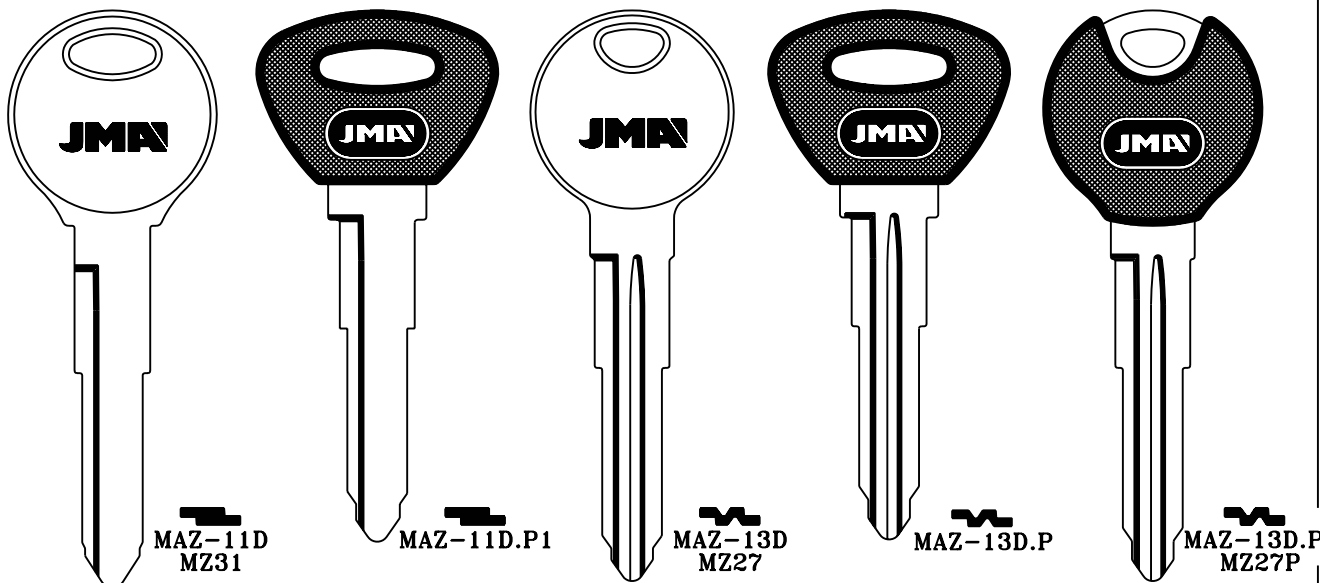
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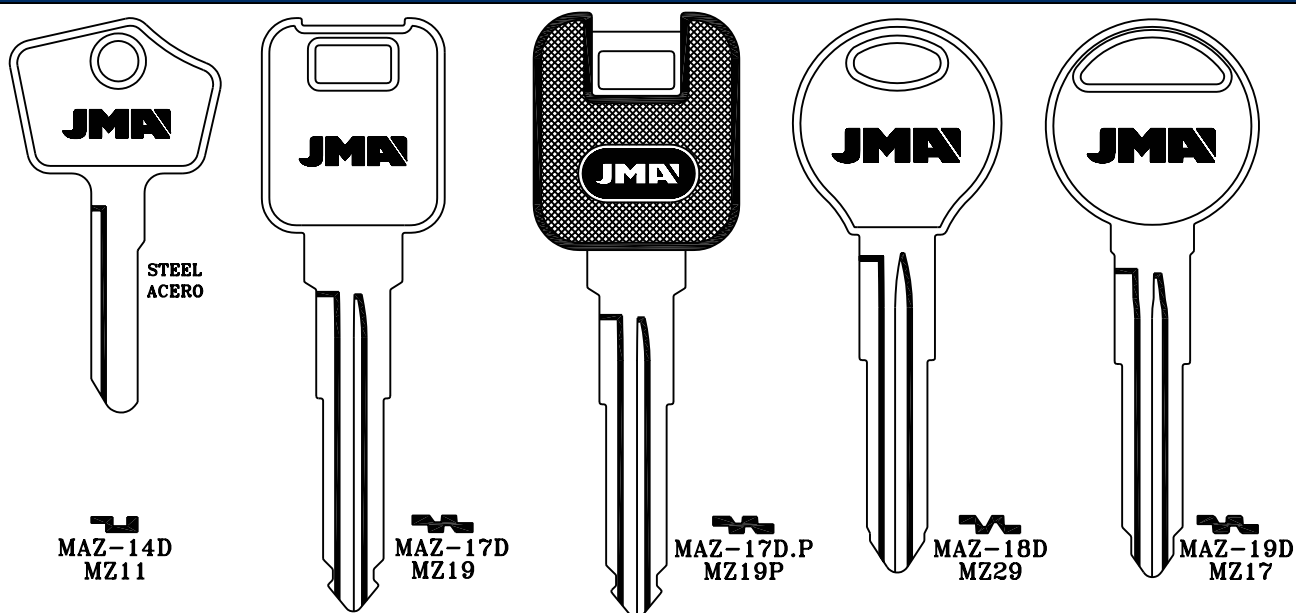
Attention: Concernant les
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Achtung: Beziehen auf die marke
und handelsname sehen sie die
notiz im index.

MAZDA

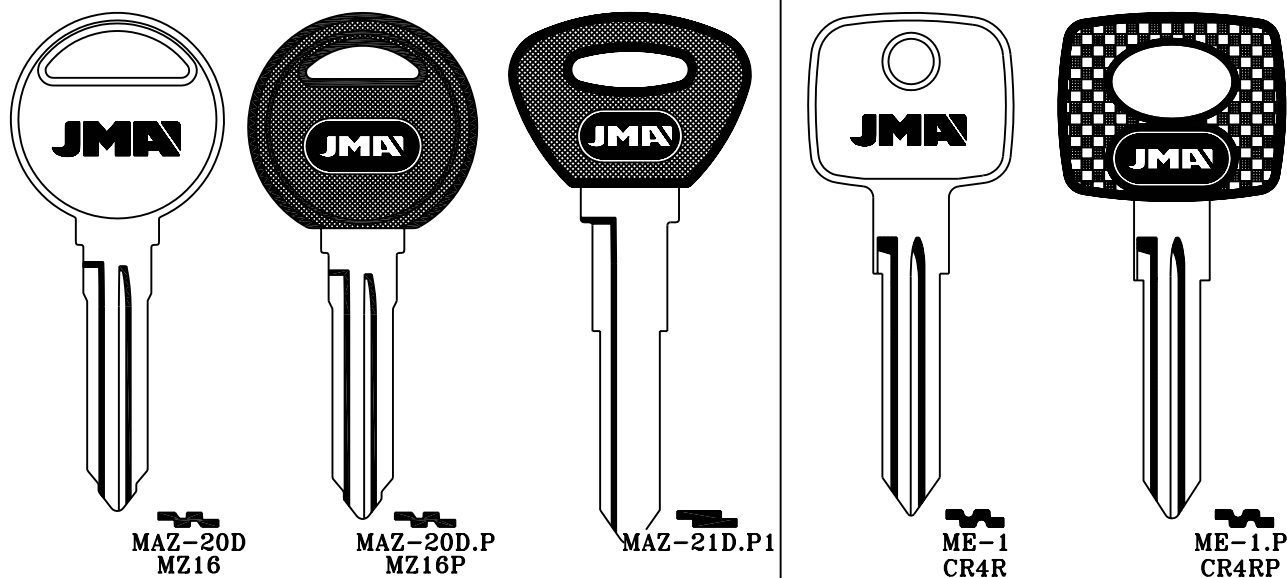


MAZDA



MAZDA

MERCEDES



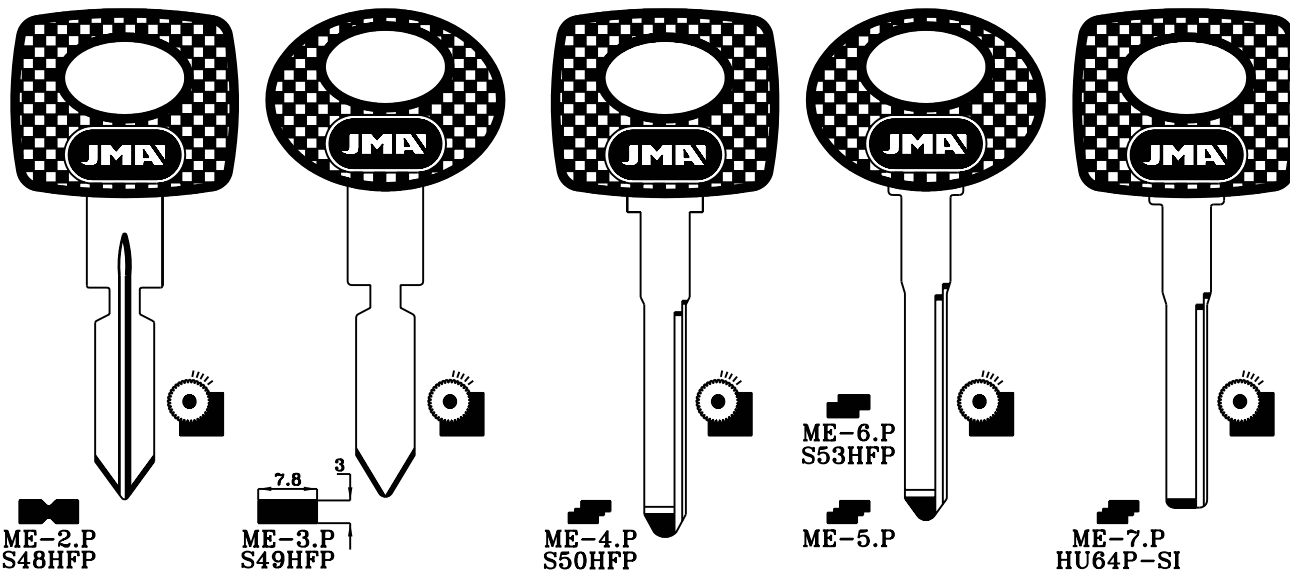
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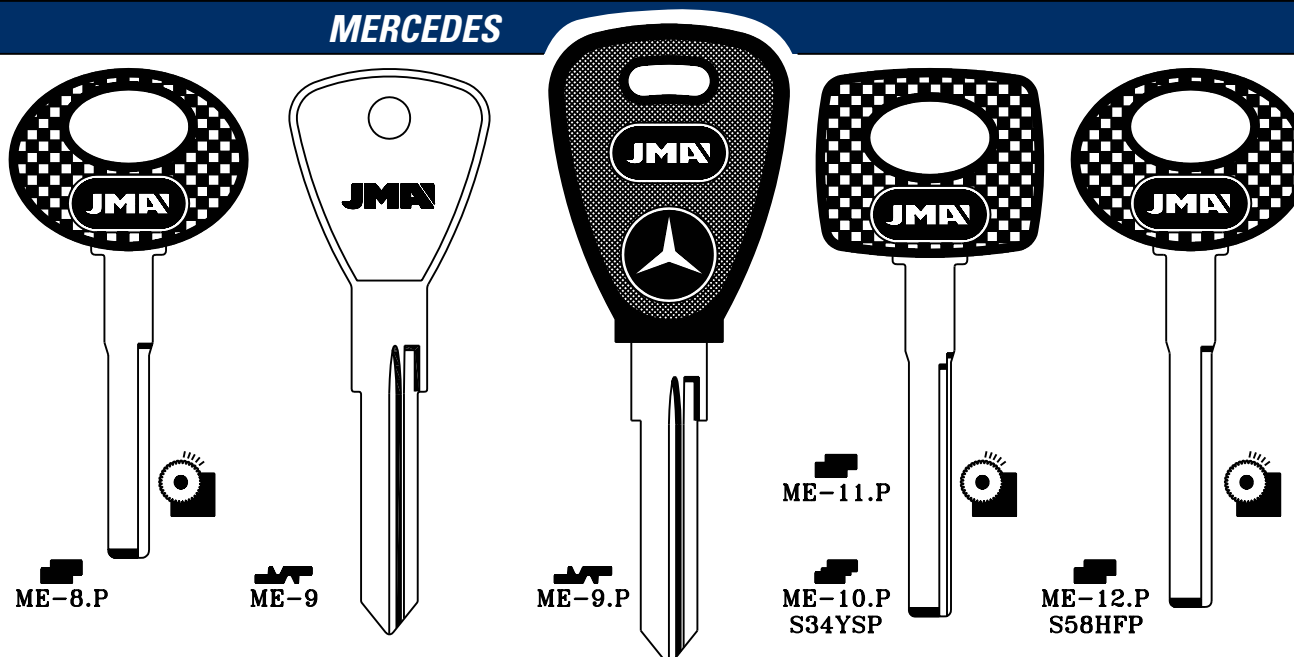
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commerciales voir la note dans
l'index.

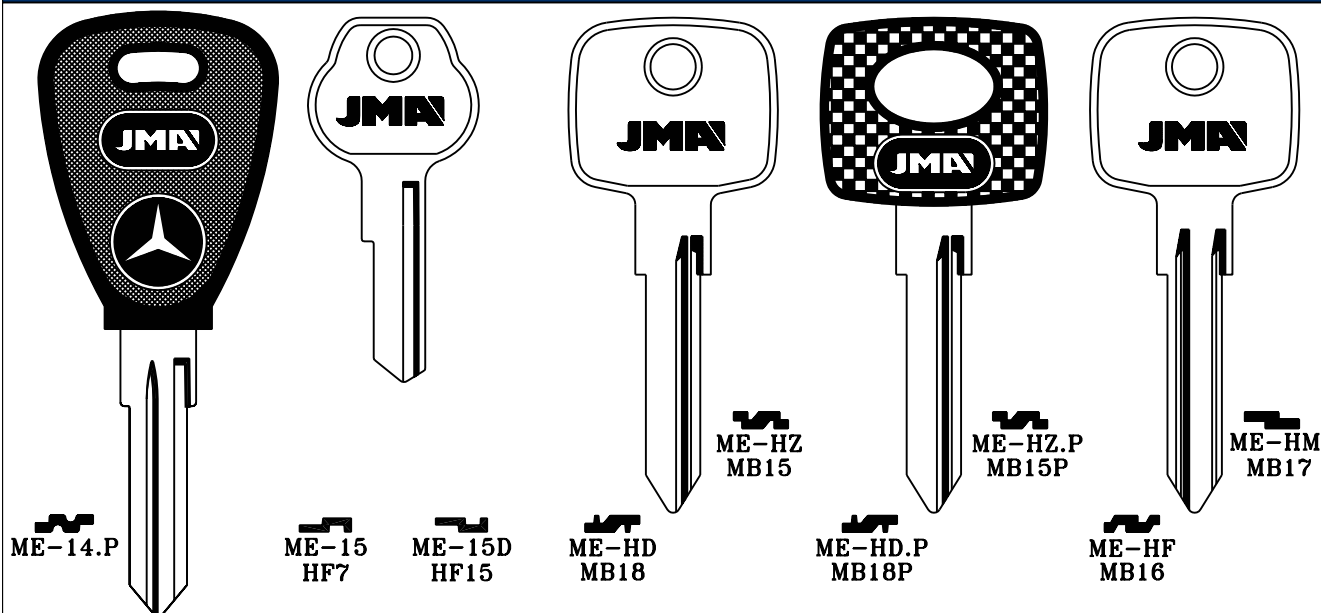
MERCEDES



MERCEDES



MERCEDES



JMA

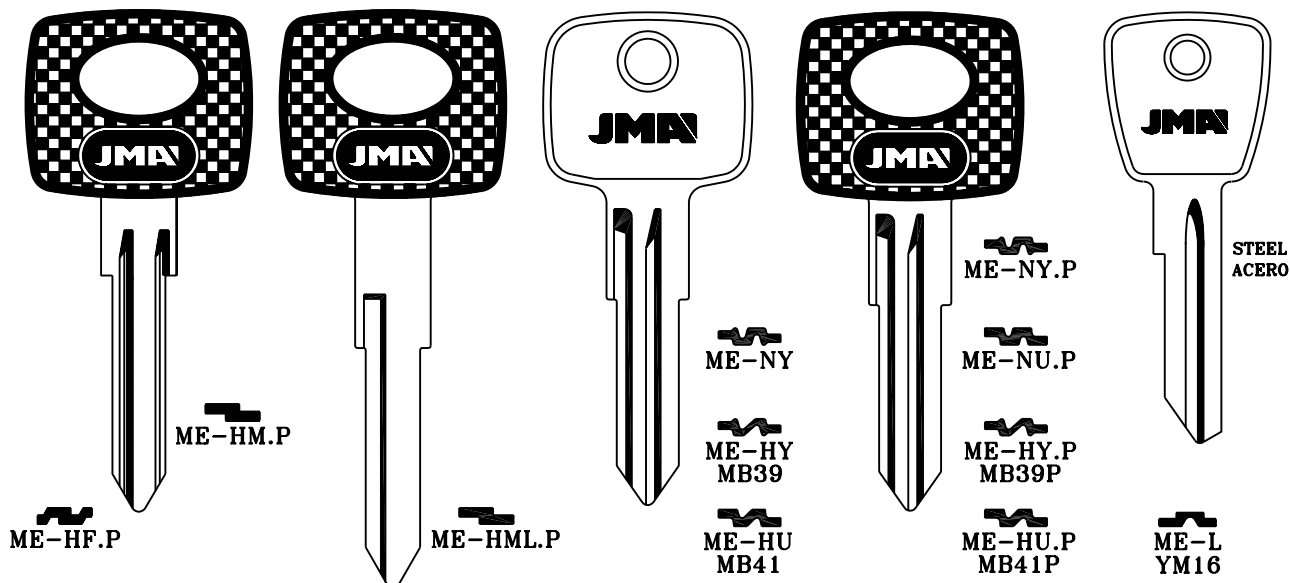
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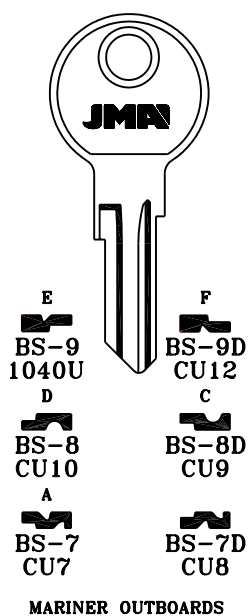
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
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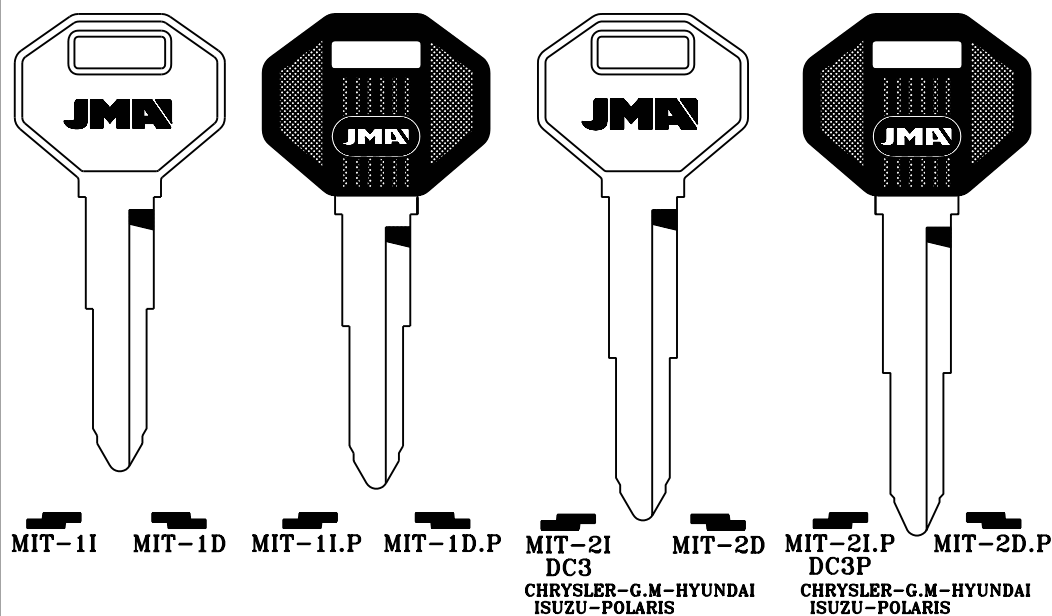
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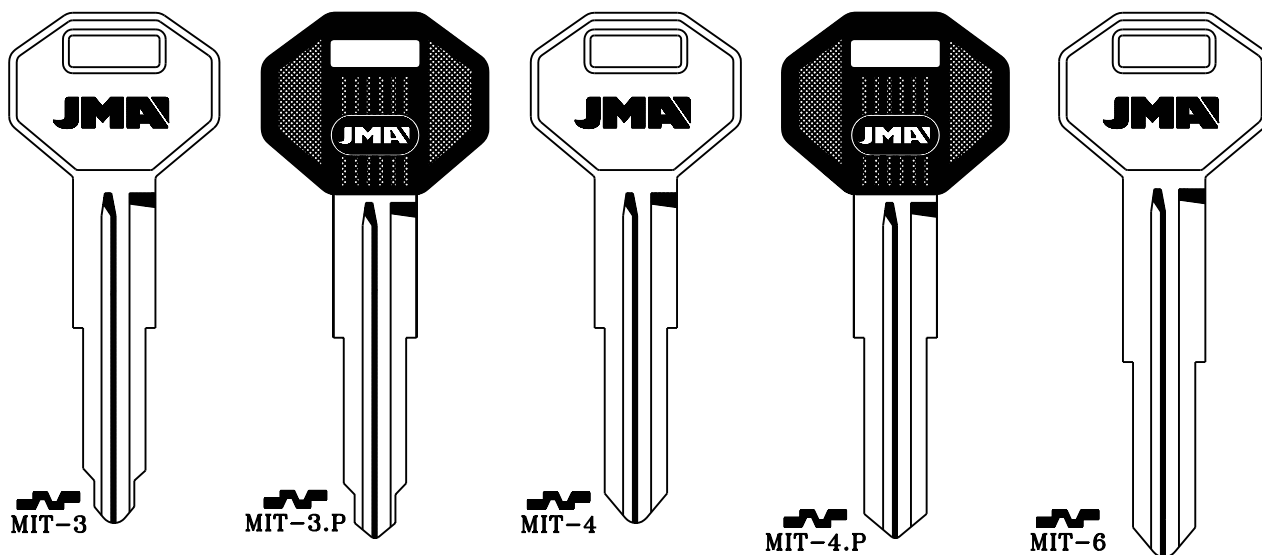
MERCURY



MITSUBISHI



MITSUBISHI



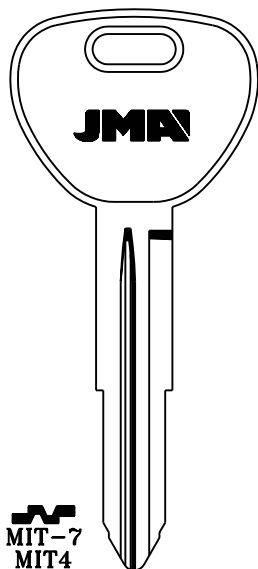
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and commercial denominations
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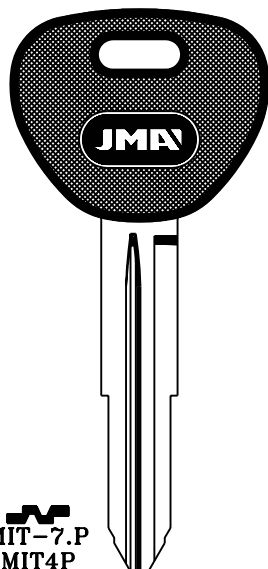
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commerciales voir la note dans
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MITSUBISHI



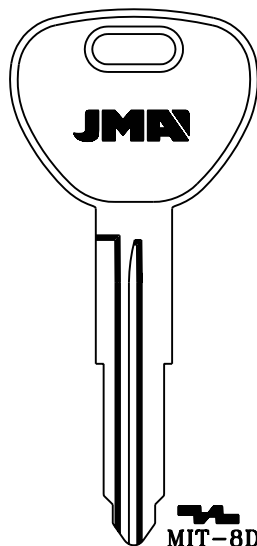
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MIT4

CHRYSLER

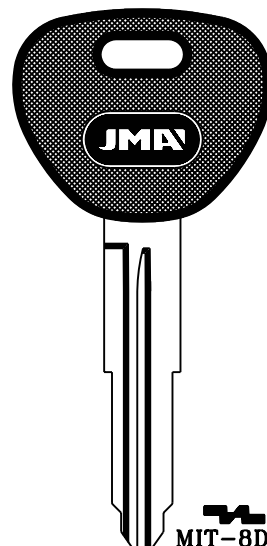


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CHRYSLER

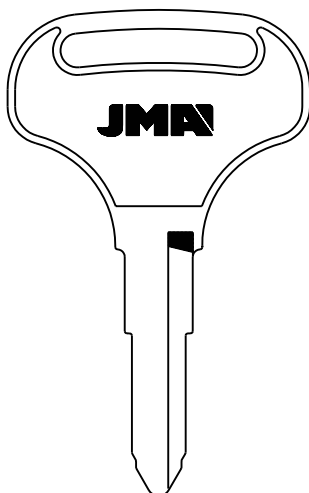


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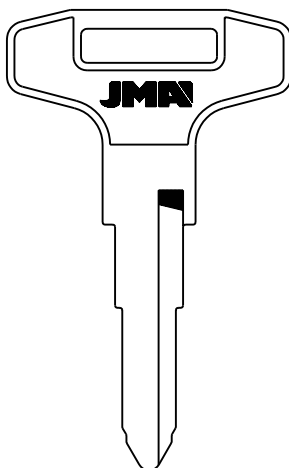


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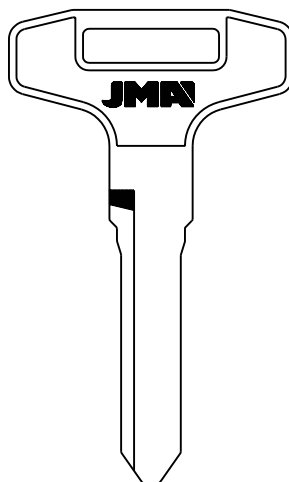
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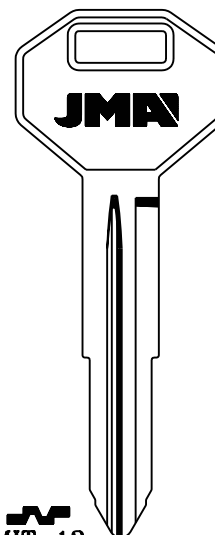
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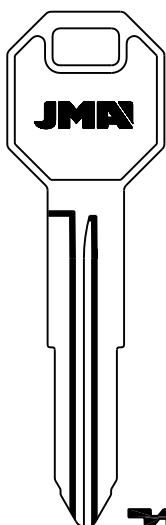


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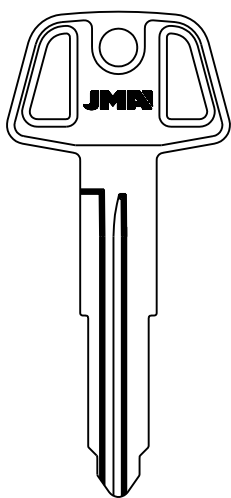
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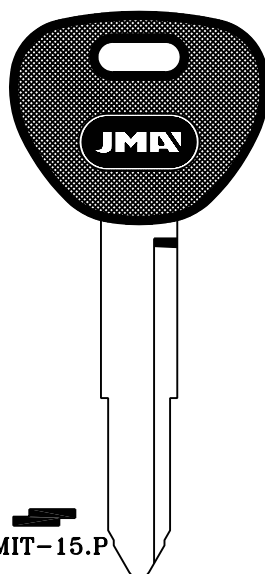
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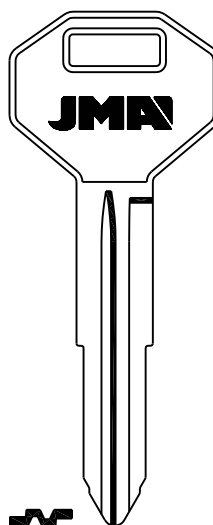


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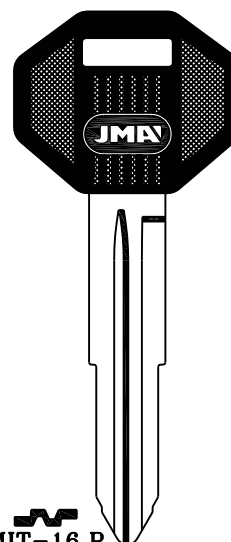


MIT-15.P



MIT-16
MIT1

CHRYSLER



MIT-16.P
MIT1P

CHRYSLER



JMA

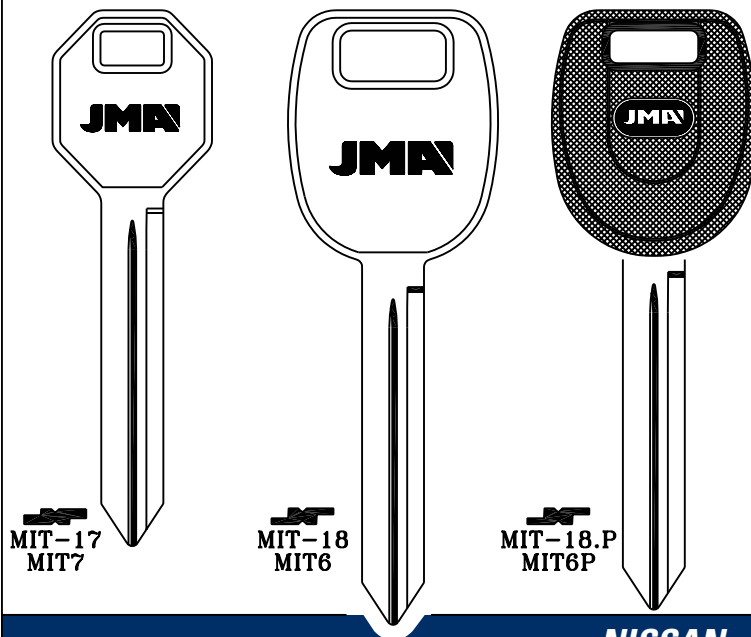
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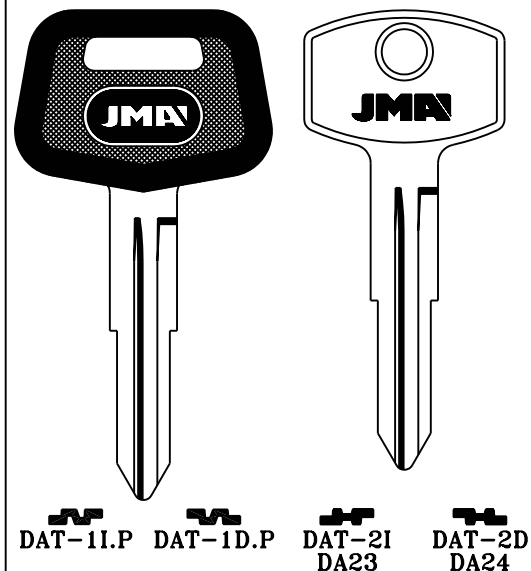
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MITSUBISHI

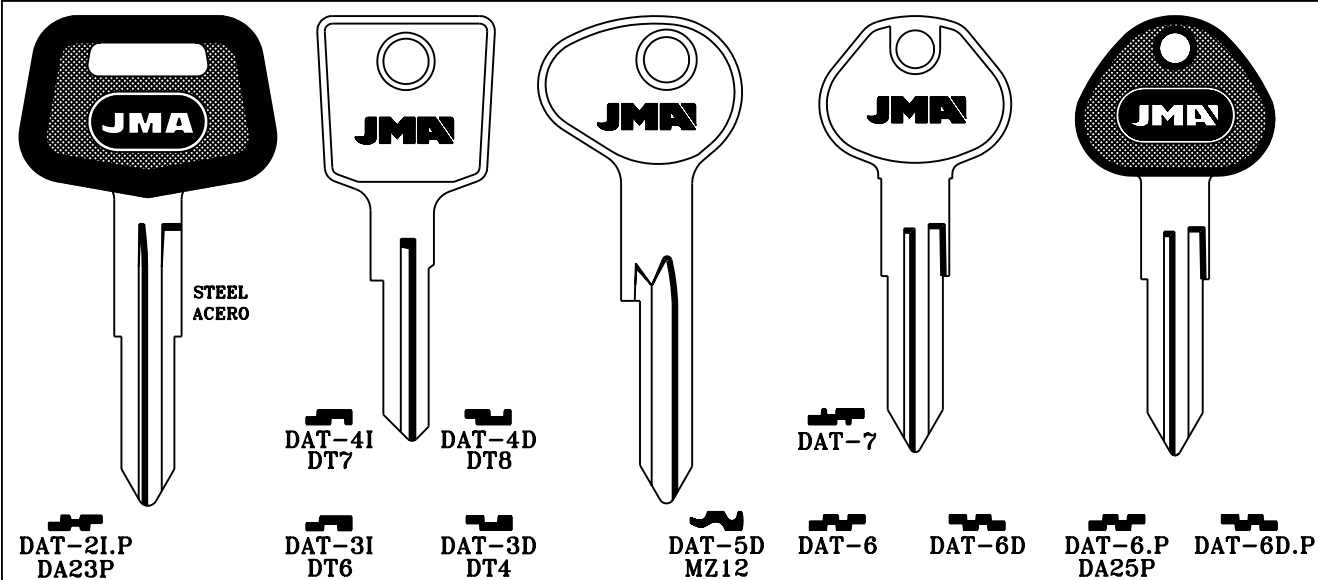


NISSAN



SUBARU

NISSAN

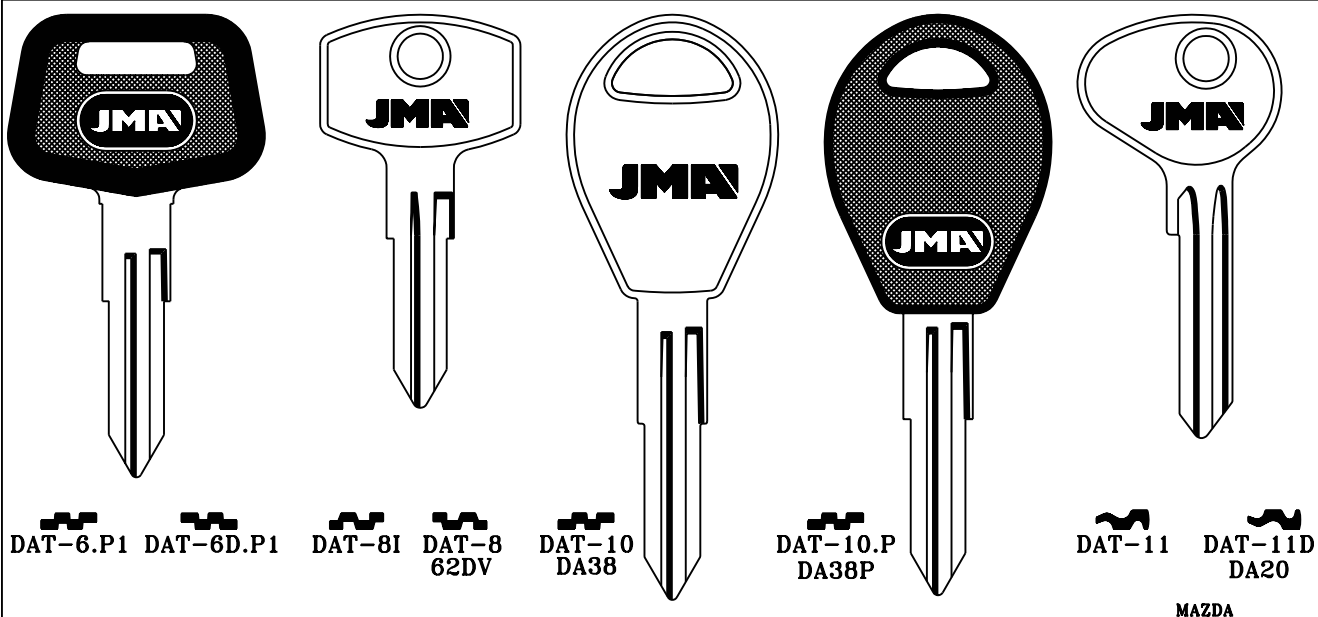


MAZDA-SUNBEAM

SUBARU

SUBARU

NISSAN



MAZDA



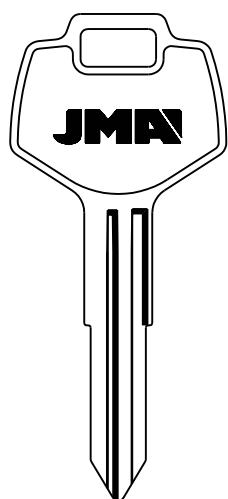
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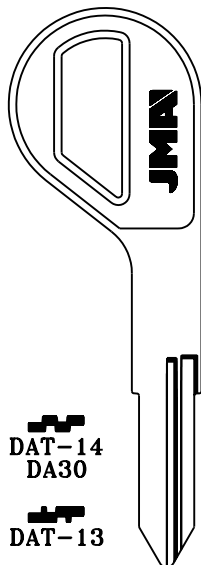
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NISSAN

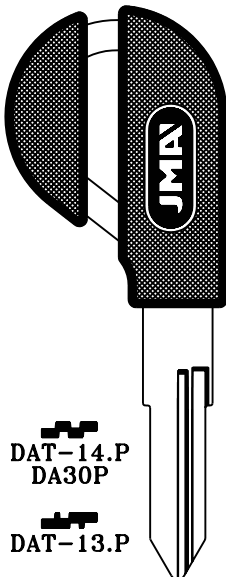


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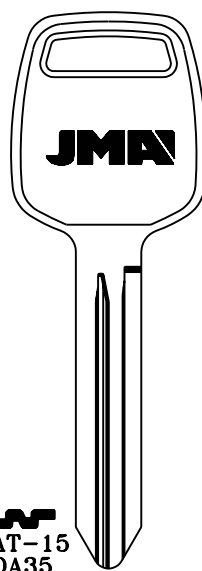
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DA30

DAT-13

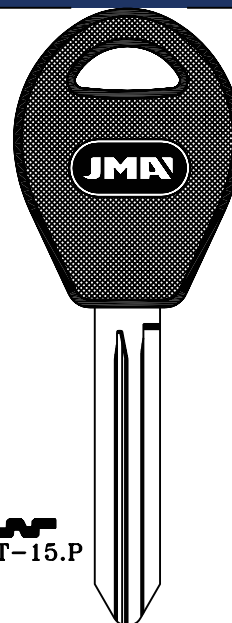


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DAT-13.P



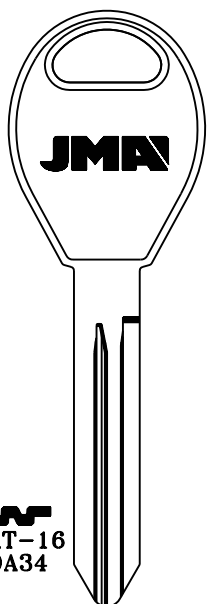
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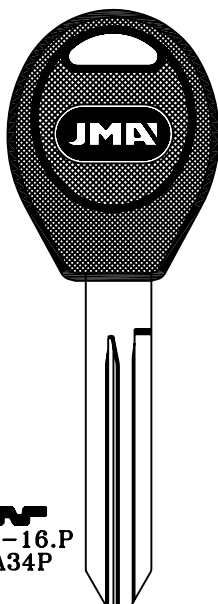
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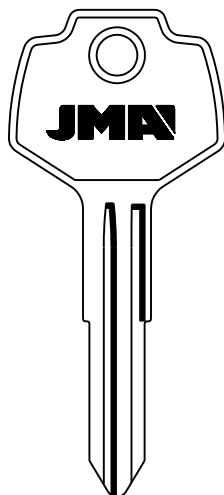
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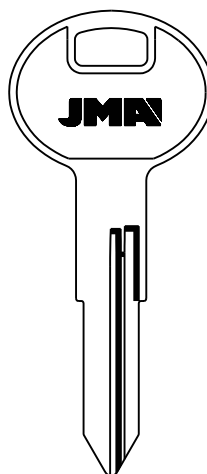


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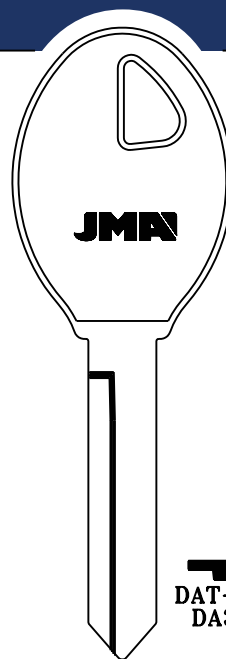


DAT-17

DAT-17D



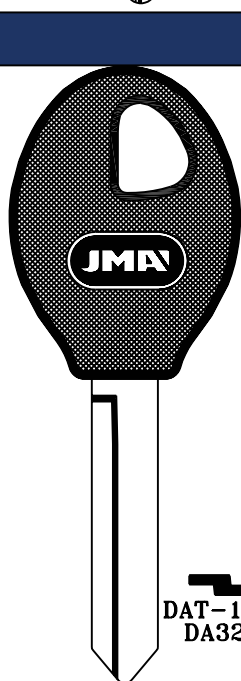
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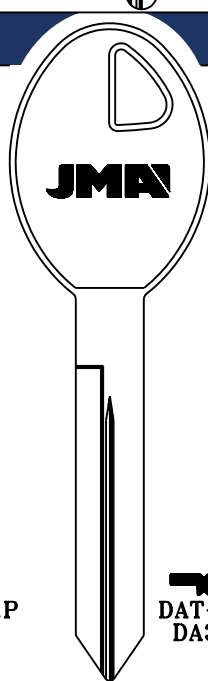
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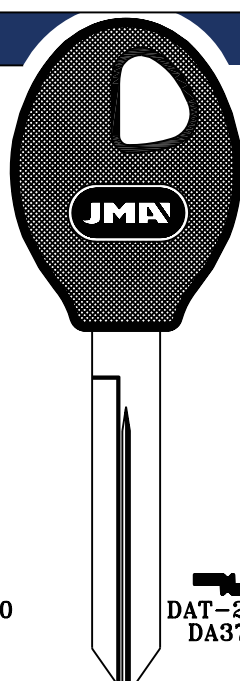
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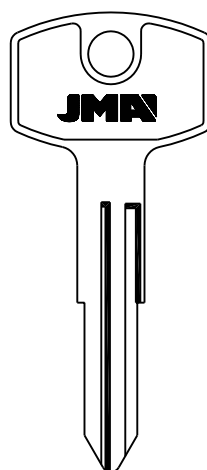
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DA32P



DAT-20
DA37

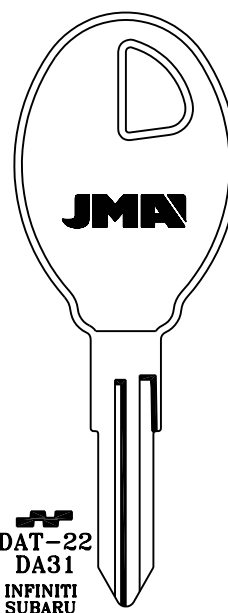


DAT-20.P
DA37P



DAT-21
62DT

DAT-21D
62DU



DAT-22
DA31

INFINITI
SUBARU

SUBARU



JMA

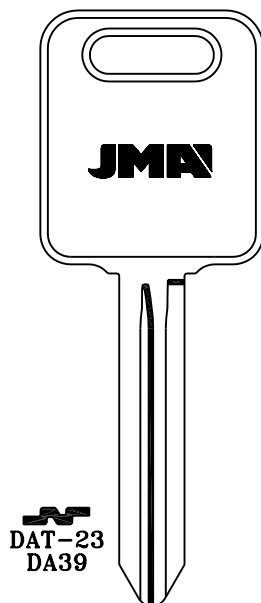
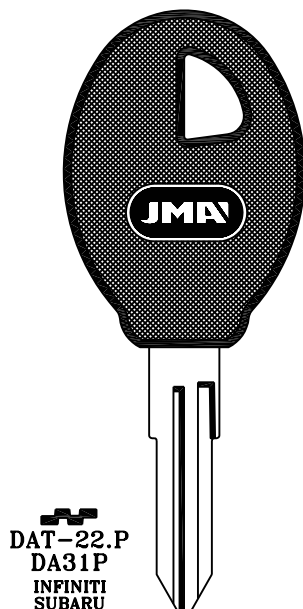
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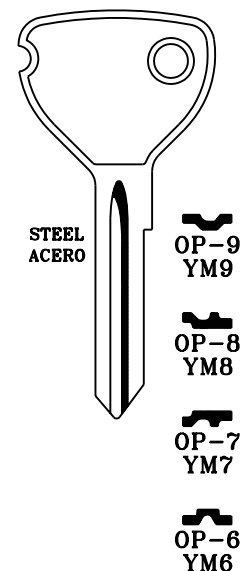
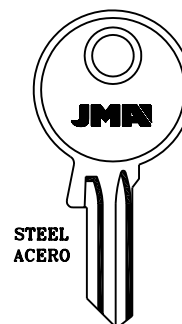
Attention: Concerning the marks
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NISSAN

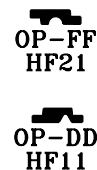
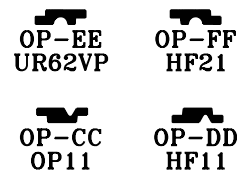
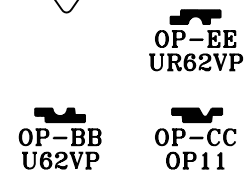
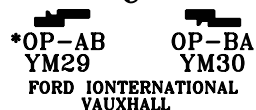
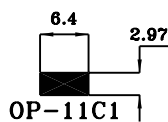
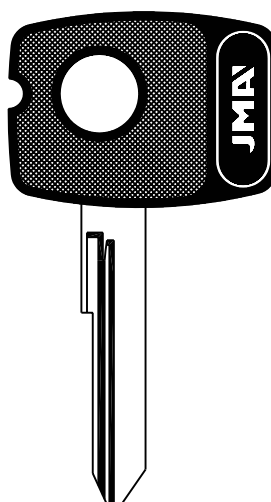
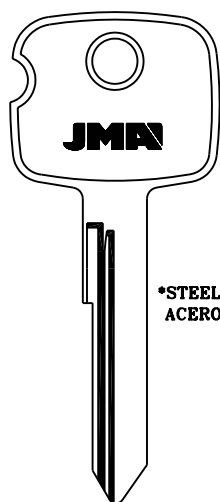
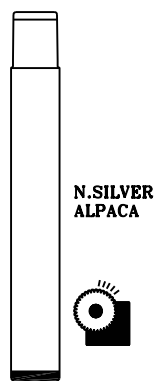


OPEL



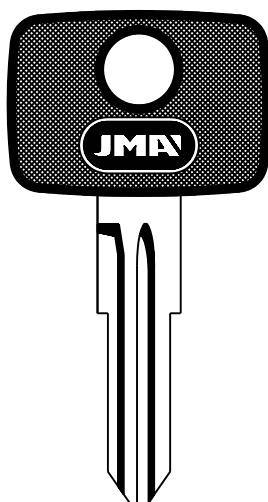
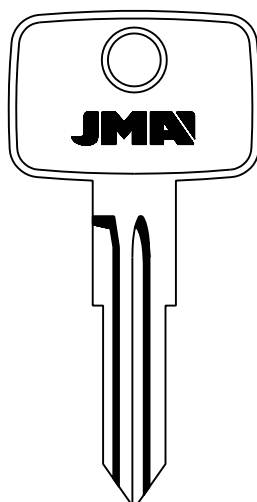
D.K.W.-FORD INTERNATIONAL

OPEL



GENERAL MOTORS

OPEL



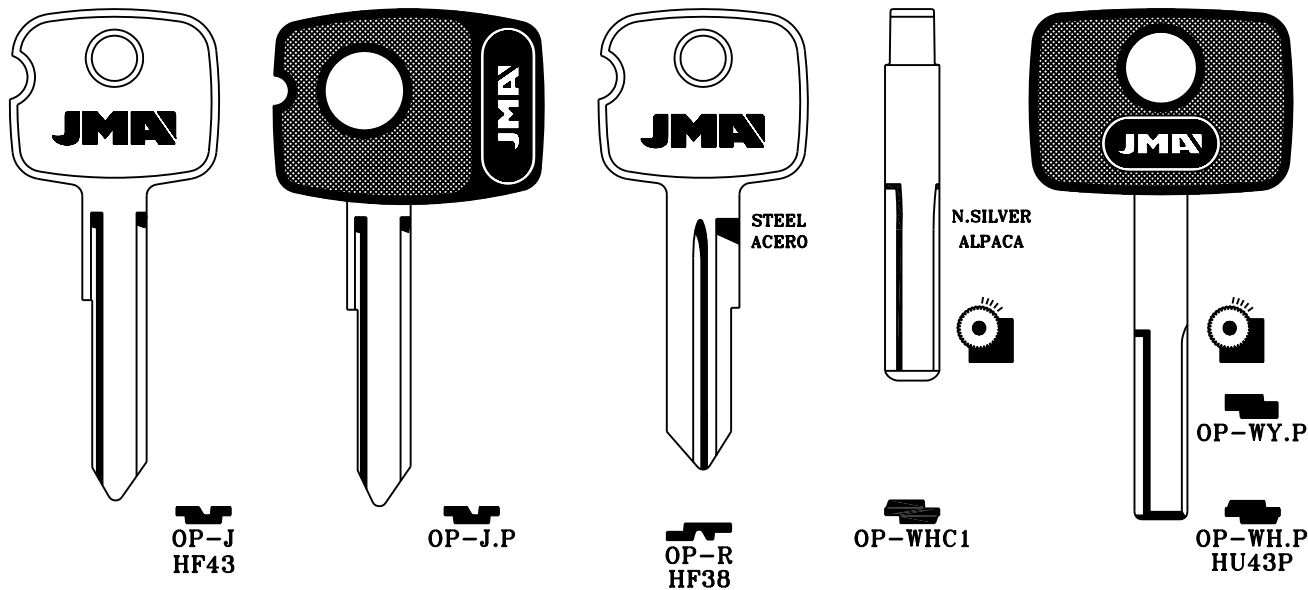
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OPEL

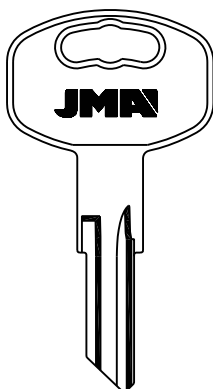


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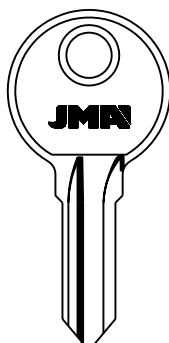
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P65A

PETERBILT



PER-1
1098PB

PEUGEOT



LAS-R KM8
LAS-V KM9

SIMCA-TALBOT-MATRA



LAS-U N63G
LAS-X NR63G

SIMCA-TALBOT-MATRA



LMP-2
RT19

RENAULT

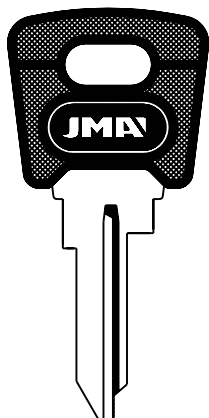
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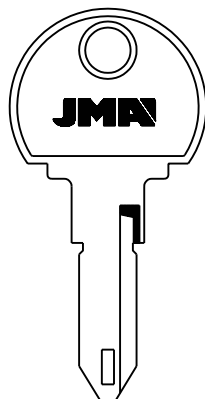
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NE45

LMP-4
NE47

RENAULT

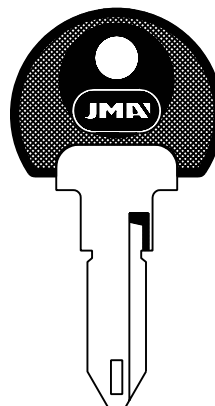


NE-3.P1

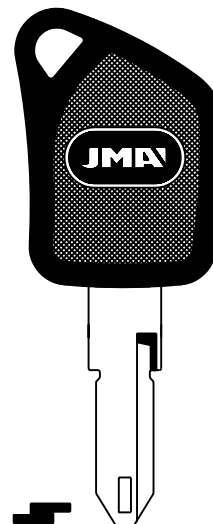


NE-20
RN30

AMERICAN MOTORS-CHRYSLER
JEEP-RENAULT



NE-20.P



NE-20.P2



JMA

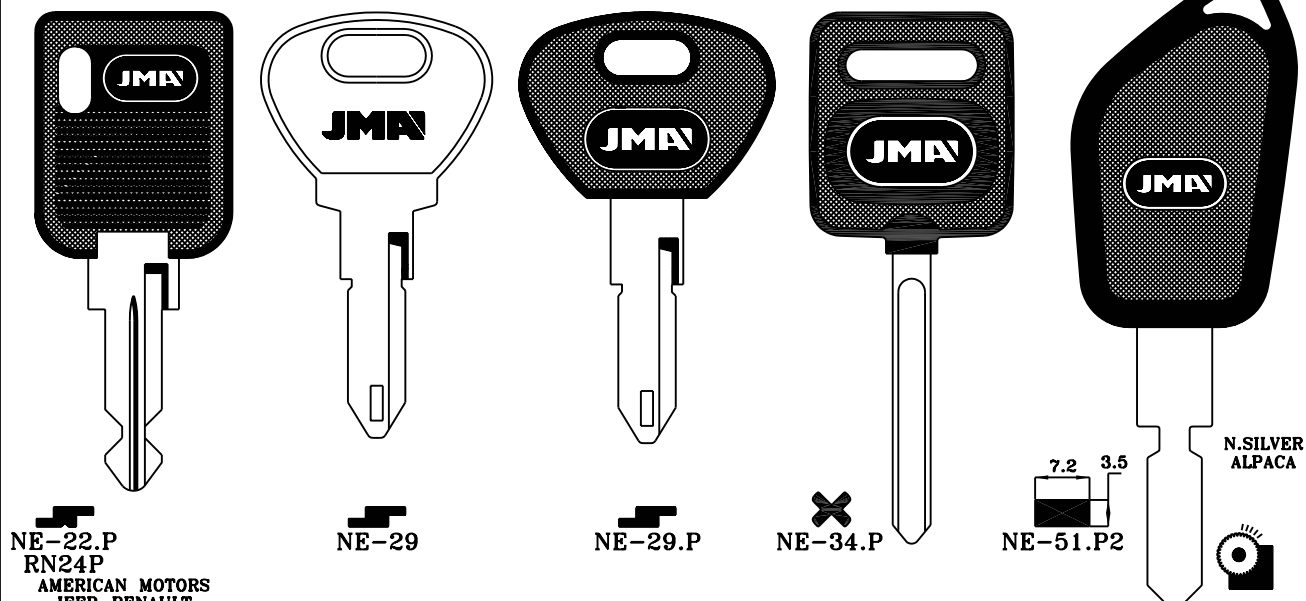
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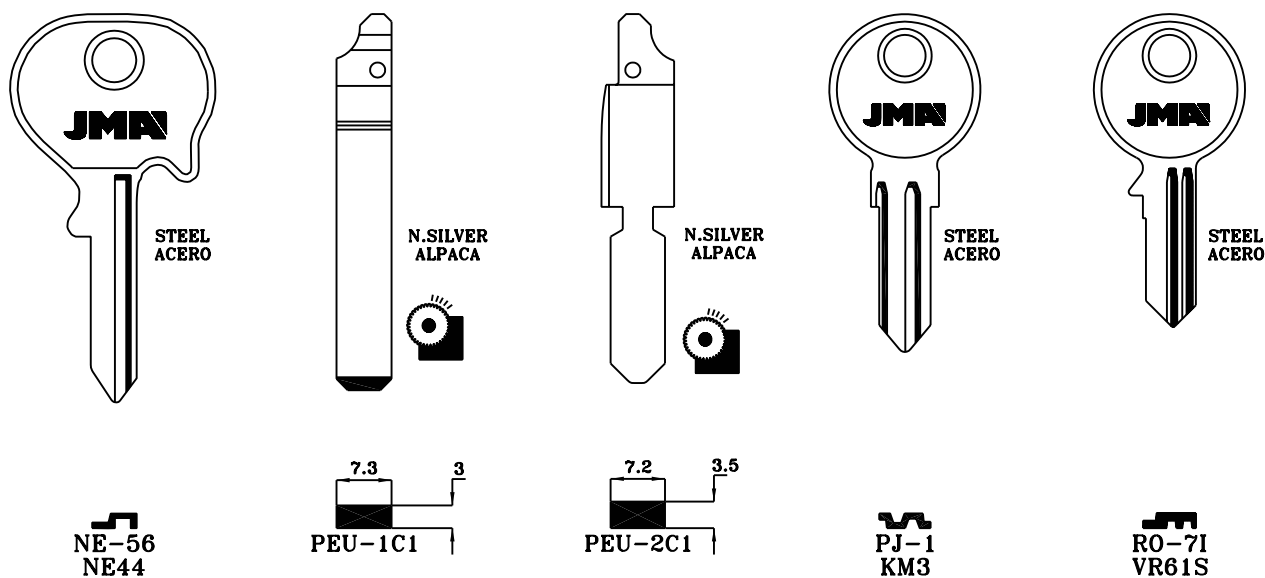
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PEUGEOT



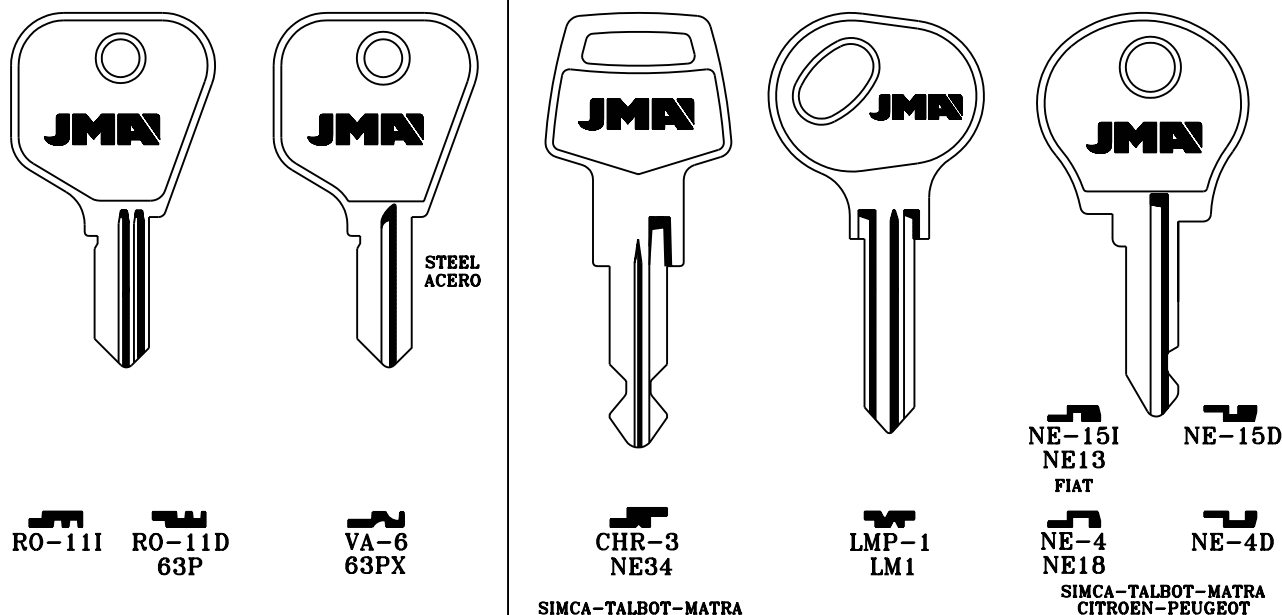
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GAS-SIMCA-TALBOT-MATRA RENAULT-VESPER-RONIS

PEUGEOT

RENAULT



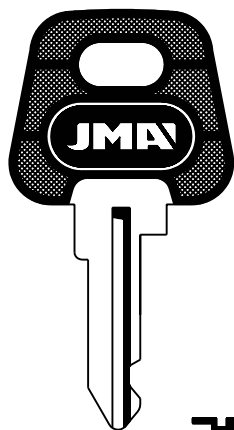
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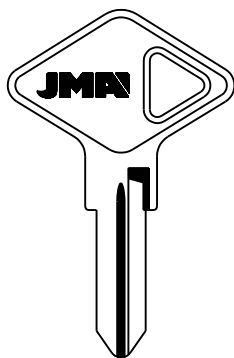
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RENAULT

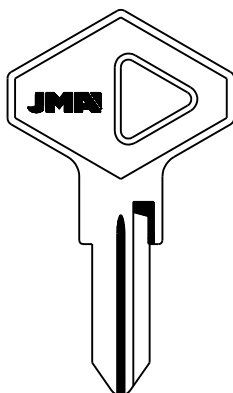


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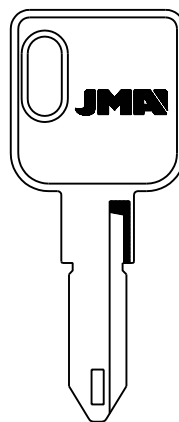


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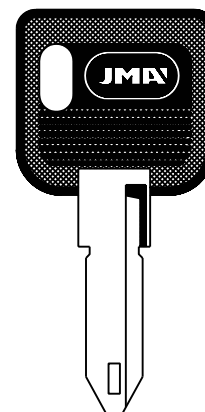
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NE40



NE-16
RN25



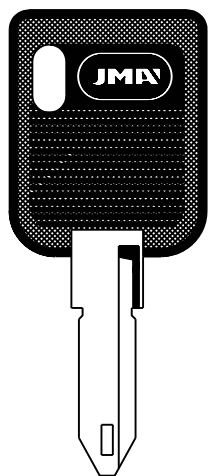
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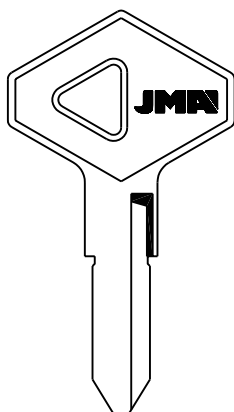
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AMERICAN MOTORS-JEEP

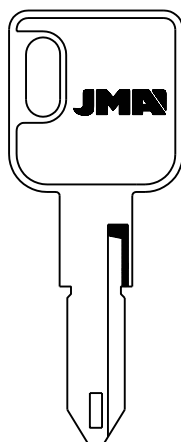
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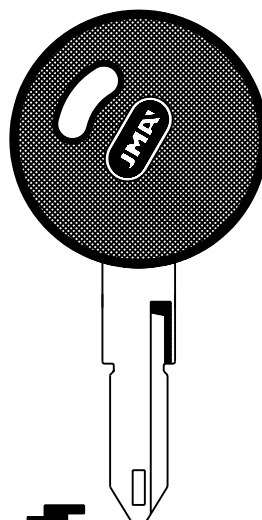
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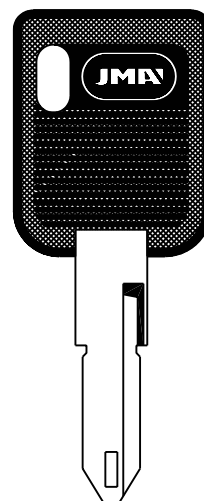
NE-28
RN31
AMERICAN MOTORS
JEEP-CHRYSLER



NE-36

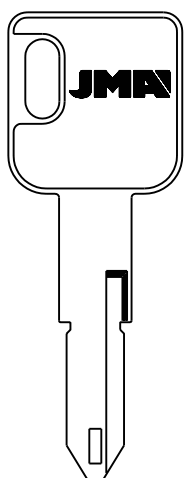


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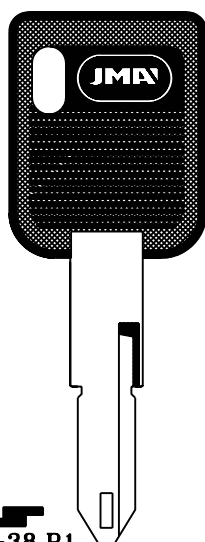


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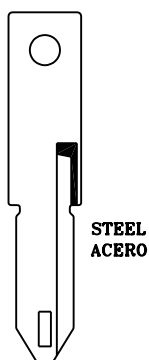
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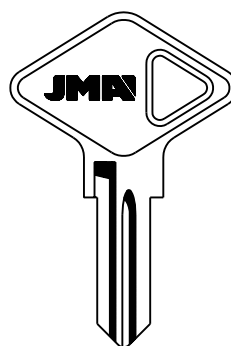
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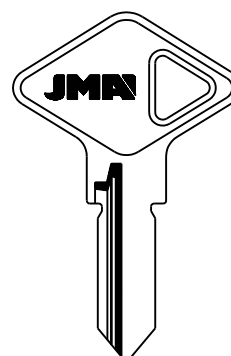
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RO-15



VA-7
VC29



JMA

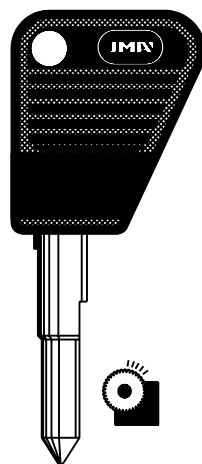
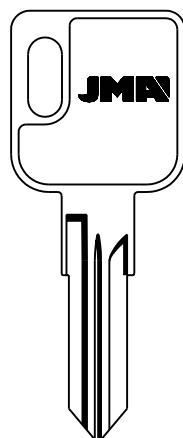
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ciales ver nota en índice.

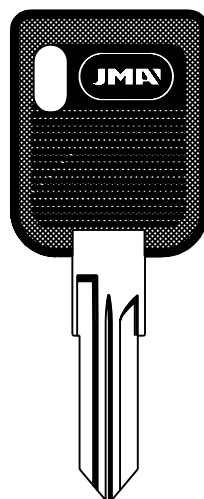
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

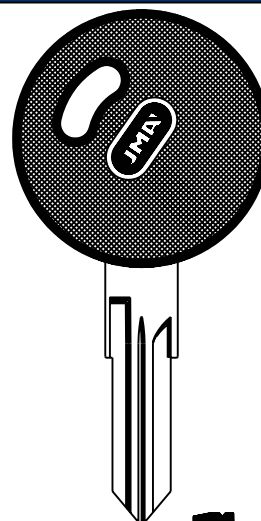
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VA-17.P
NE33

VA-34



VA-34.P



VA-34.P1

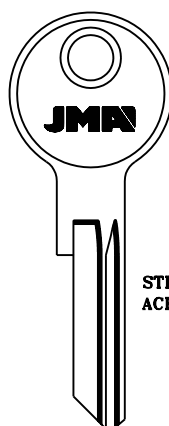
STEEL
ACERO

VA-61C1

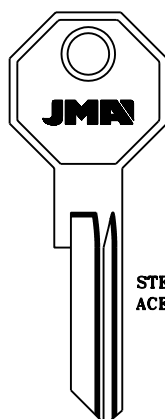
ROLLS ROYCE

STEEL
ACEROYA-18D
62HD

BENTLEY

STEEL
ACEROYA-20I
62HG

BENTLEY

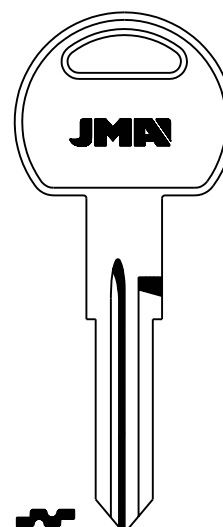
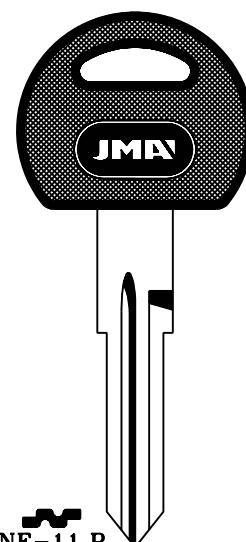
STEEL
ACEROYA-20D
62HE

BENTLEY

YA-21I
62HF

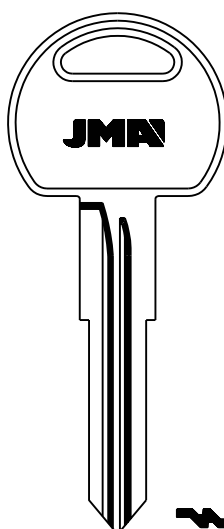
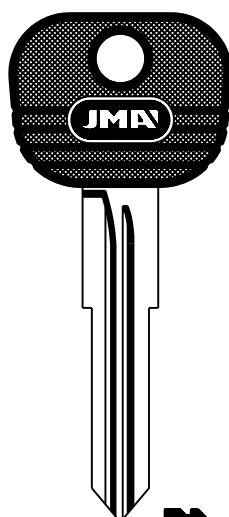
BENTLEY

ROVER

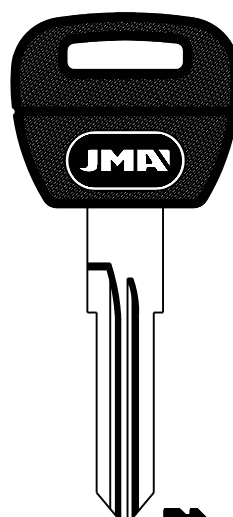
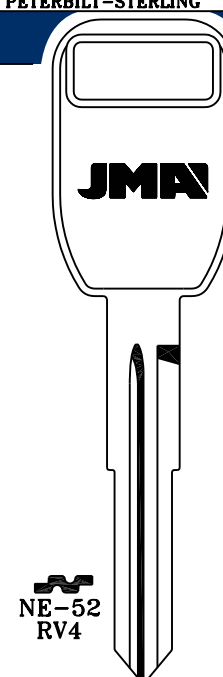
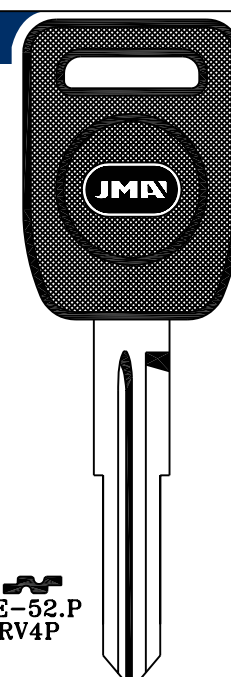
NE-11
NE48FORD-KENWORTH
PETERBILT-STERLING

NE-11.P

ROVER

NE-35
NE71R

NE-35.P

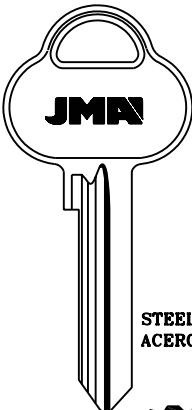
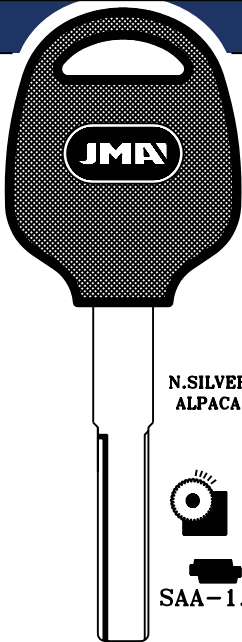
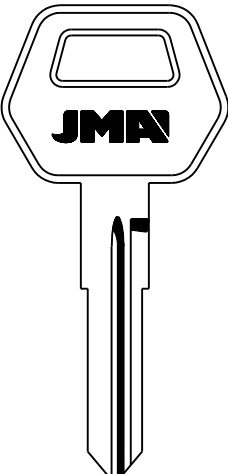
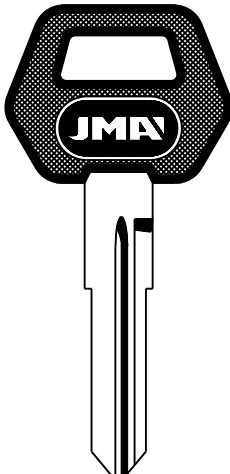
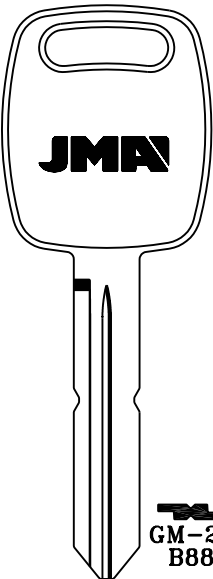




NE-35.P2
NE71RDP-SINE-52
RV4NE-52.P
RV4P

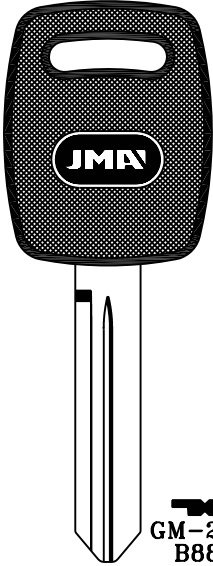
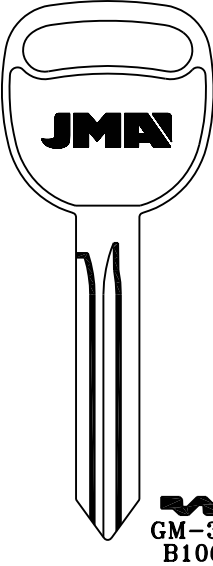
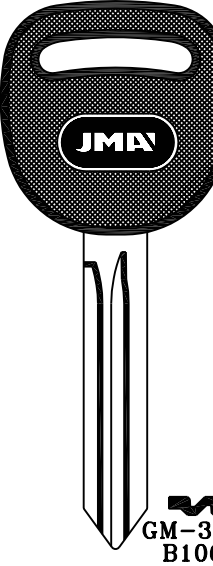
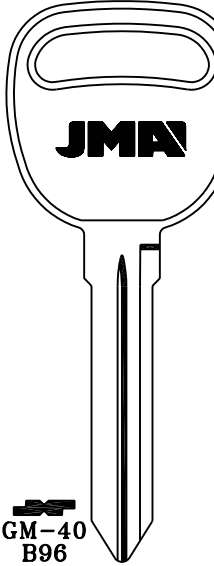
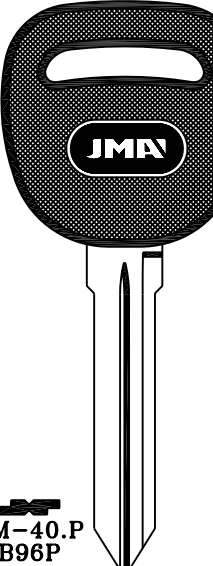
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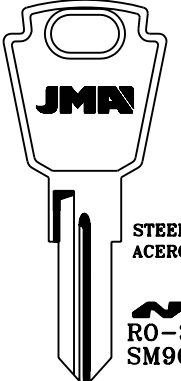


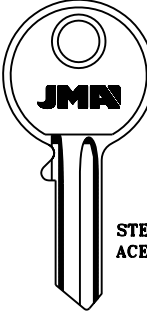
Atención: Concerniente a las
marcas y denominaciones comer-
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and commercial denominations
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commerciales voir la note dans
l'index.

SAAB				SATURN
				
STEEL ACERO	N.SILVER ALPACA			
AS-24D AS41				
AS-1D SB11	SAA-1.P1	SAA-AC SAA1	SAA-AC.P SAA1P	GM-21 B88

SATURN				
				
GM-21.P B88P	GM-37 B106	GM-37.P B106P	GM-40 B96	GM-40.P B96P

SEAT	SIMCA			
				
STEEL ACERO	STEEL ACERO	STEEL ACERO		STEEL ACERO
AF-11 SE3C	R0-11S 61P	R0-21 R62Z	R0-61 62U	R0-16I HVR61
AF-1D SE4C	R0-1DS R61P	R0-11 SM6	R0-6D 62R	R0-16D HV61
	CHR-4D SMS8	R0-1D SM7	R0-4D 62UC	
	CITROEN-FORD INTER. SEAT-TALBOT-MATRA	CITROEN-PEUGEOT-PANHARD-RENAULT-TALBOT-MATRA		RENAULT-TALBOT MATRA-RONIS



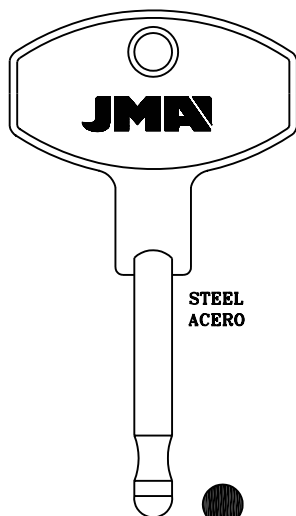
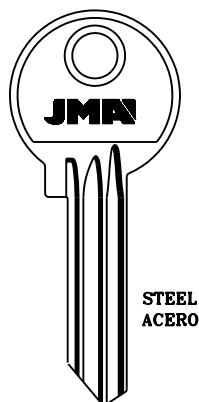
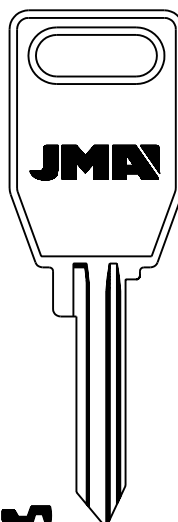
JMA
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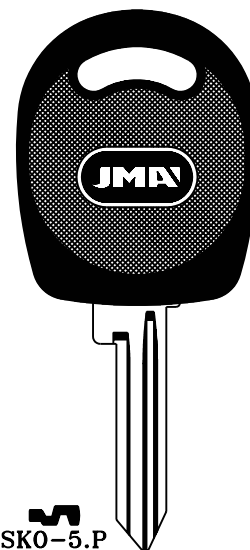
SKODA

STEEL
ACEROBH-3
138STEEL
ACEROFB-19
65CE

SK0-31



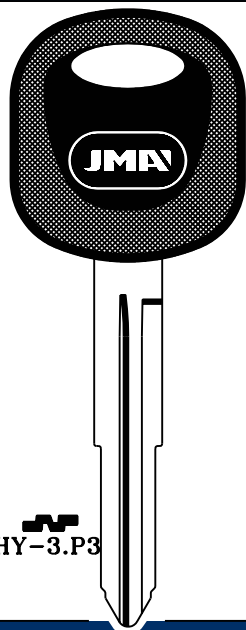
SK0-31.P



SK0-5.P

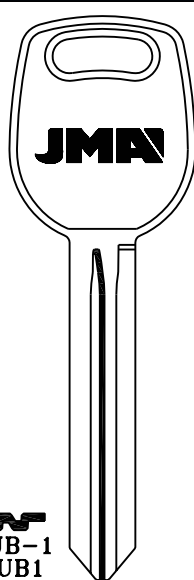
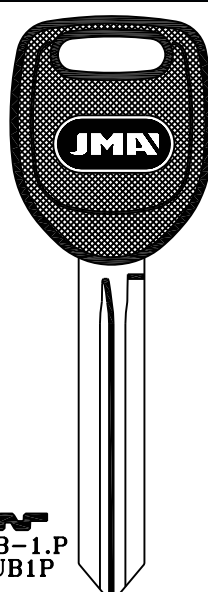
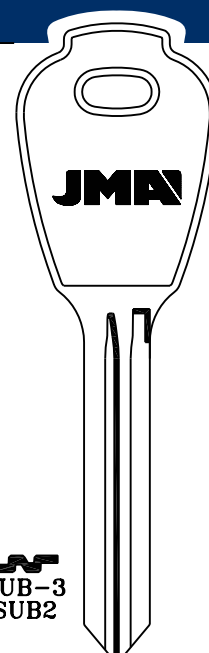
LLOYD-VIKING

SSANGYONG

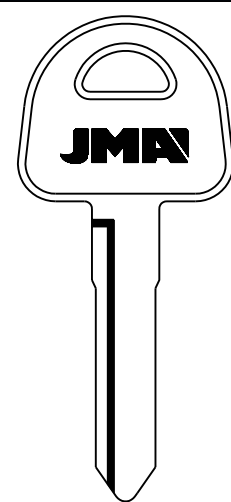


HY-3.P3

SUBARU

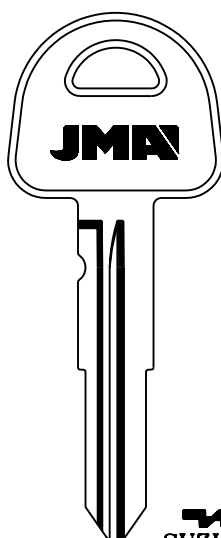
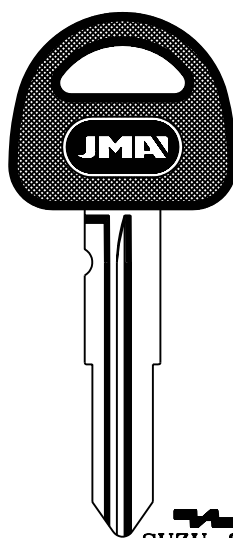
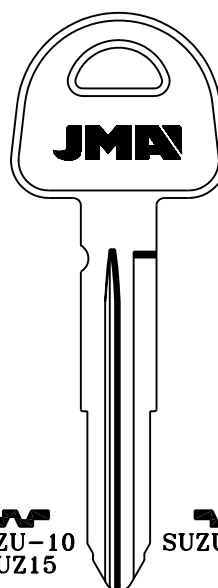
SUB-1
SUB1SUB-1.P
SUB1PSUB-3
SUB2

SUZUKI

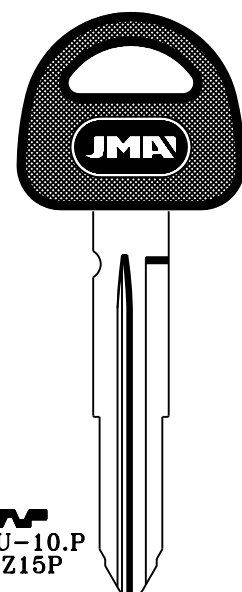


SUZU-7

SUZUKI

SUZU-8
SUZ17SUZU-8.P
SUZ17PSUZU-10
SUZ15

SUZU-10D

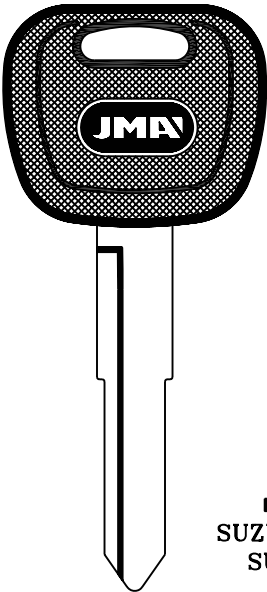


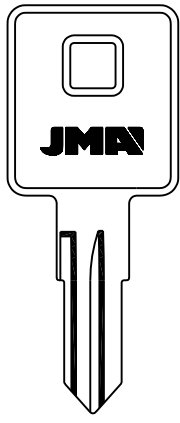





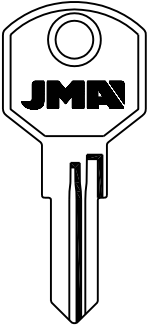
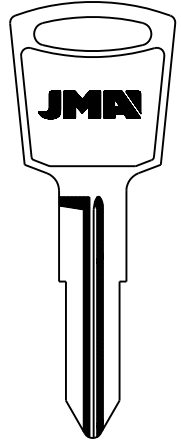
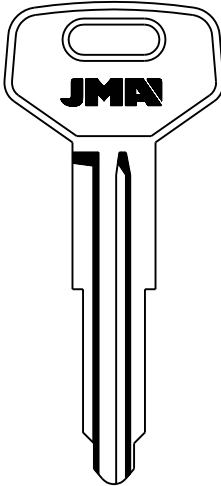
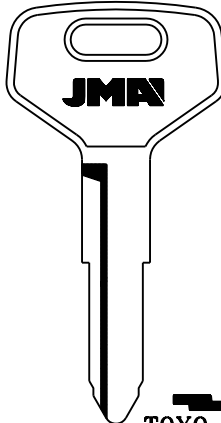
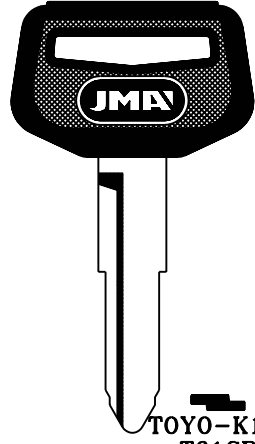







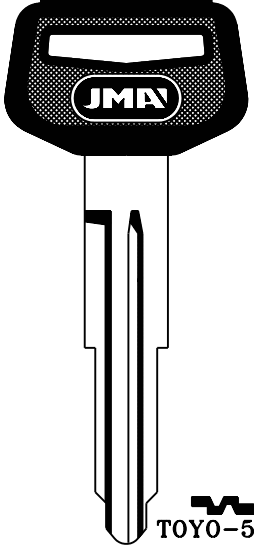
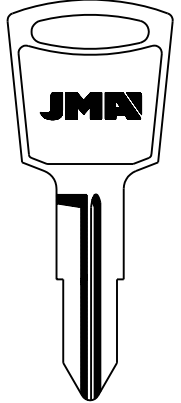
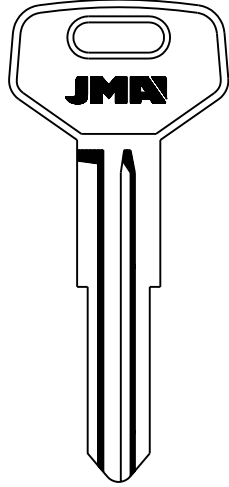
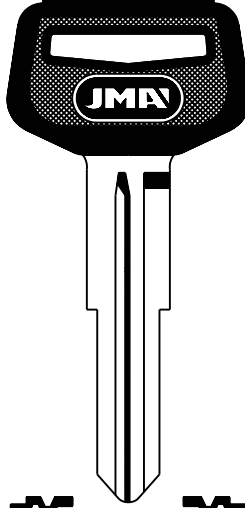
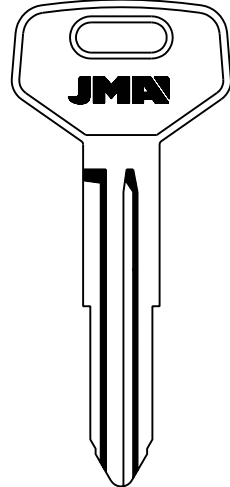






SUZU-10.P
SUZ15P

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commerciales voir la note dans
l'index.

SUZUKI		SWEDISH CAMP CAR		TITAN	TOOL BOX
					
 SUZU-19D.P SUZ20P		 GH-GX GH1  GH-HX GH2		 TIT-7D TT1	 T00-1D 1605
TOOL BOX		TOYOTA			
					
 T00-2 1620		 TOYO-2 T61F	 TOYO-3	 TOYO-K1 T61C  TOYO-4 TR28	 TOYO-K1.P T61CP  TOYO-4.P TR28P
TOYOTA					
					
 TOYO-5.P	 TOYO-6 TA23	 TOYO-8	 TOYO-8I.P  TOYO-8.P	 TOYO-9	



JMA

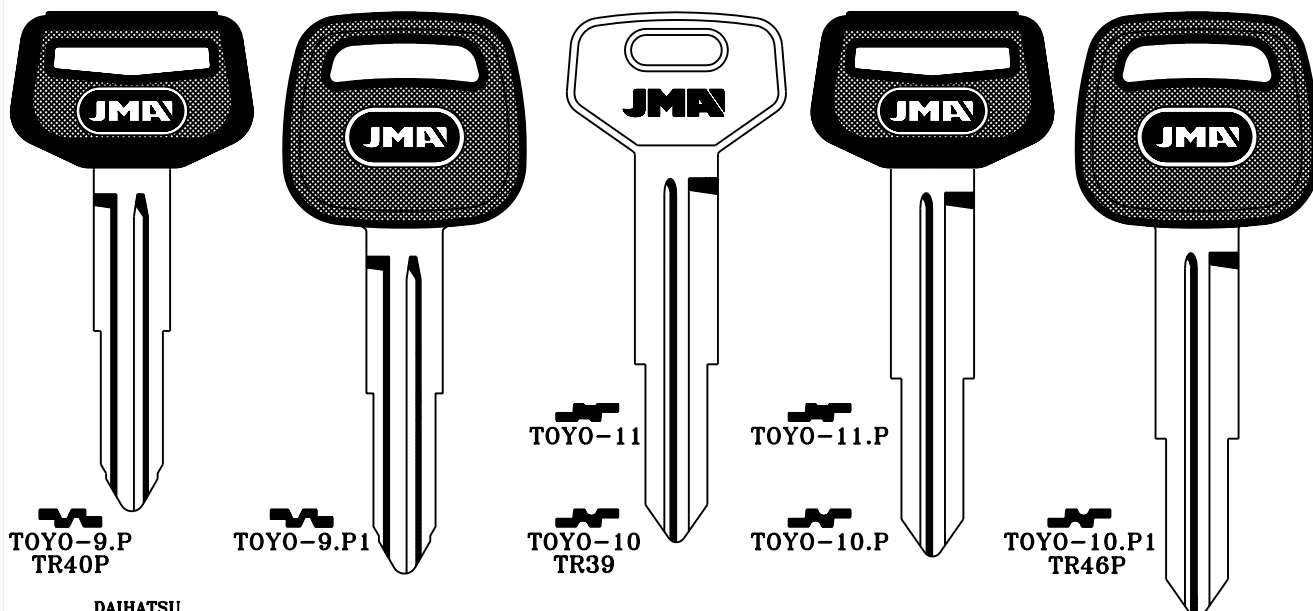
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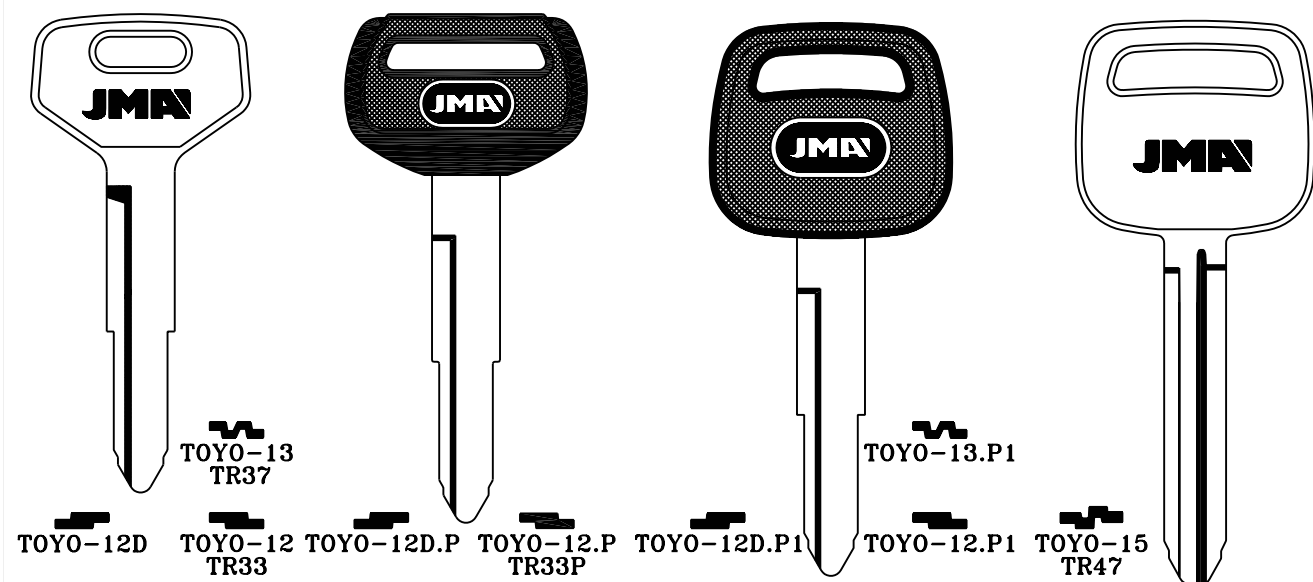
Attention: Concernant les
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commerciales voir la note dans
l'index.

TOYOTA



DAIHATSU

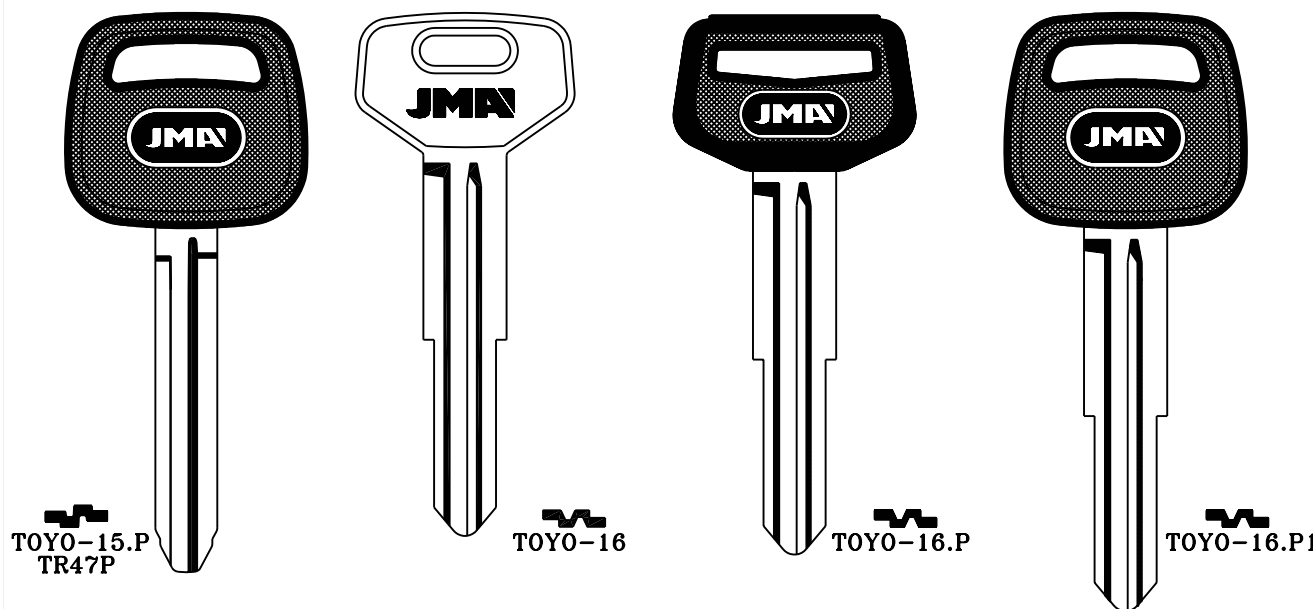
TOYOTA



HINO

HINO

TOYOTA



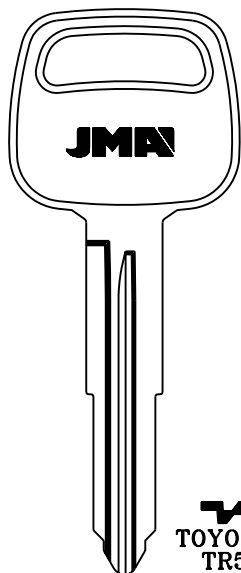
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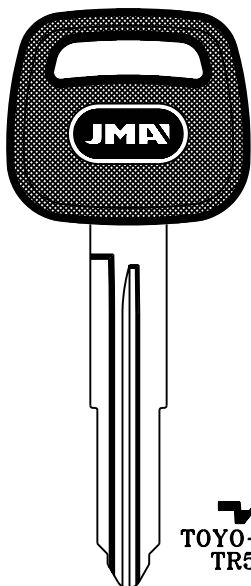
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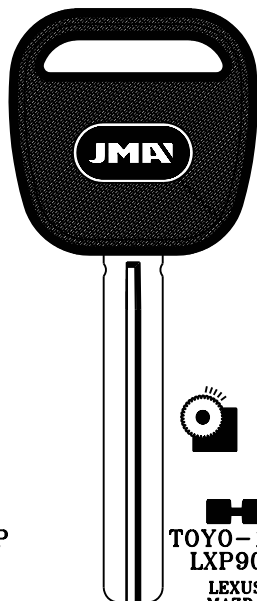
TOYOTA



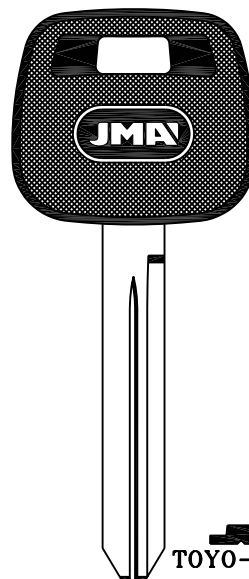
TOYO-17
TR53



TOYO-17.P
TR53P

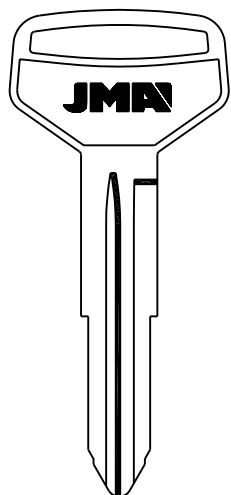


TOYO-18.P
LXP90P
LEXUS
MAZDA

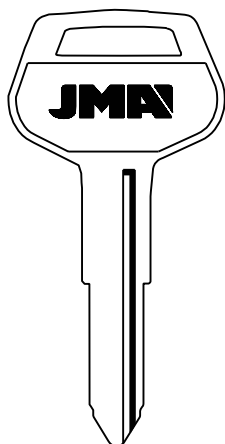


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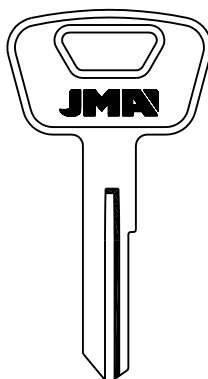
TOYOTA



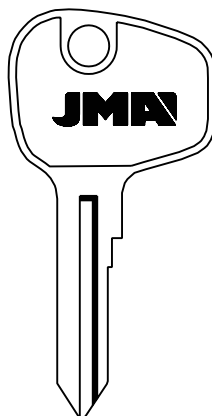
TOYO-20



TOYO-20D
TR40

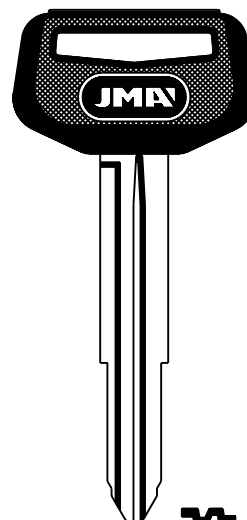


TOYO-24
MS13



TOYO-25

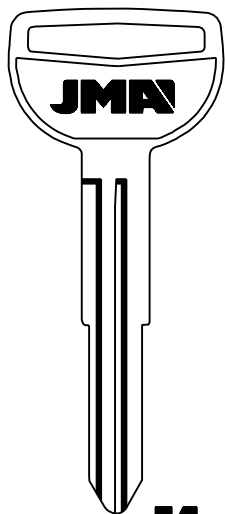
TOYO-27



TOYO-28.P

DAIHATSU

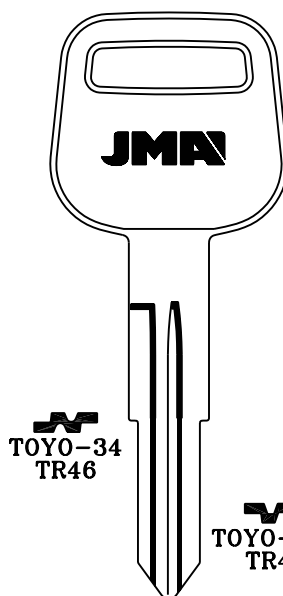
TOYOTA



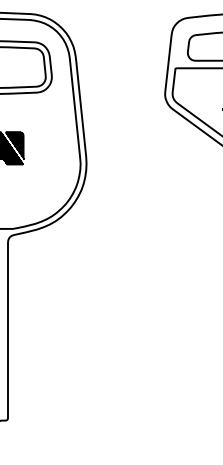
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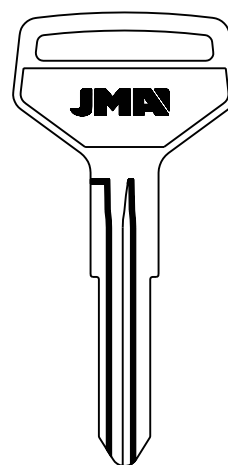
TOYO-30.P1



TOYO-34
TR46



TOYO-33D
TR44



TOYO-35D
TR25



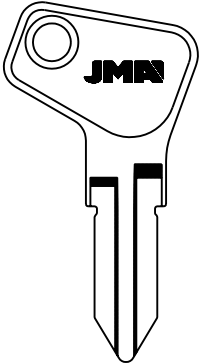


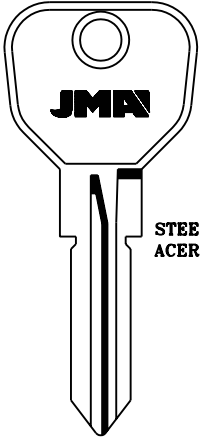

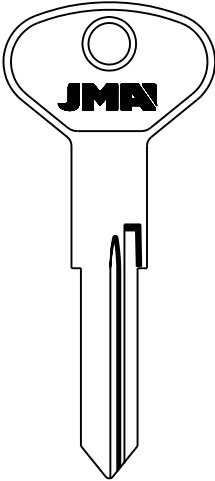

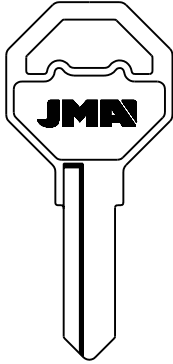

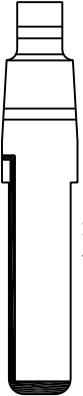

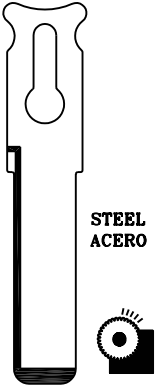

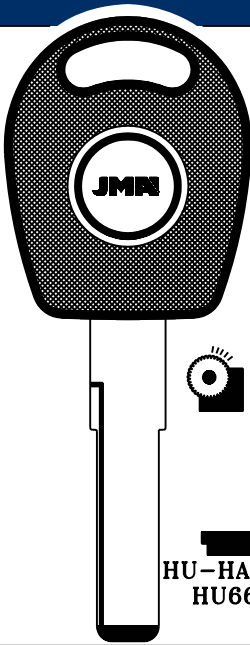

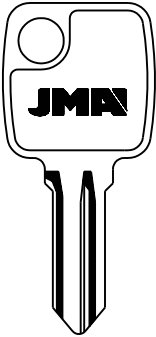

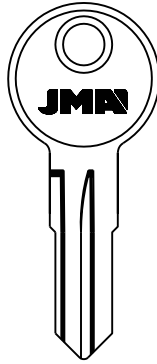

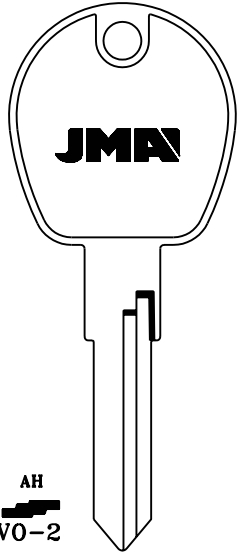

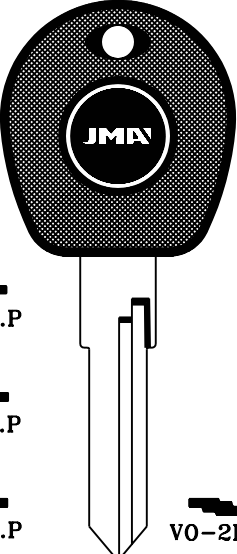



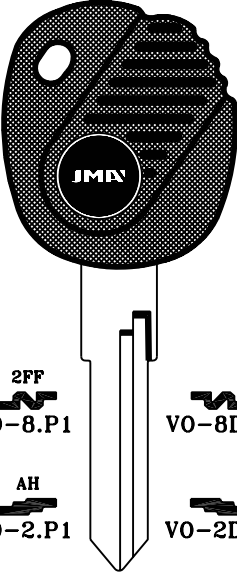

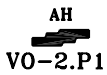
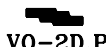
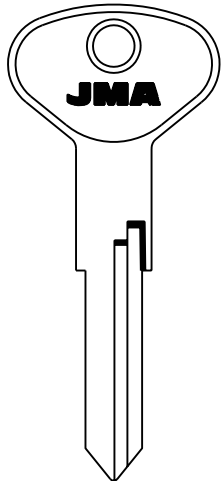

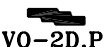







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and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

TRABANT	VAUXHALL	VOLKSWAGEN		
  DOB-2 DB2  DOB-2D DB1	 STEEL ACERO  CEM-BP CE2	  AU-AN	  CLI-1D	 N.SILVER ALPACA  HU-HAAC2
VOLKSWAGEN				
 STEEL ACERO  HU-HAAC5	  HU-HAA.P1 HU66P	  PJ-2	  VO-1 LF12SI	  AH VO-2
VOLKSWAGEN				
  2FF VO-8.P  AN VO-5.P  AH VO-2.P	  2FF VO-8.P1  AH VO-2.P1  VO-2D.P	  VO-8D.P1  VO-2D.P1	 VO-AH  VO-HV 73VB  VO-VB  VO-N V33  VO-8	 VO-10D  VO-VBD



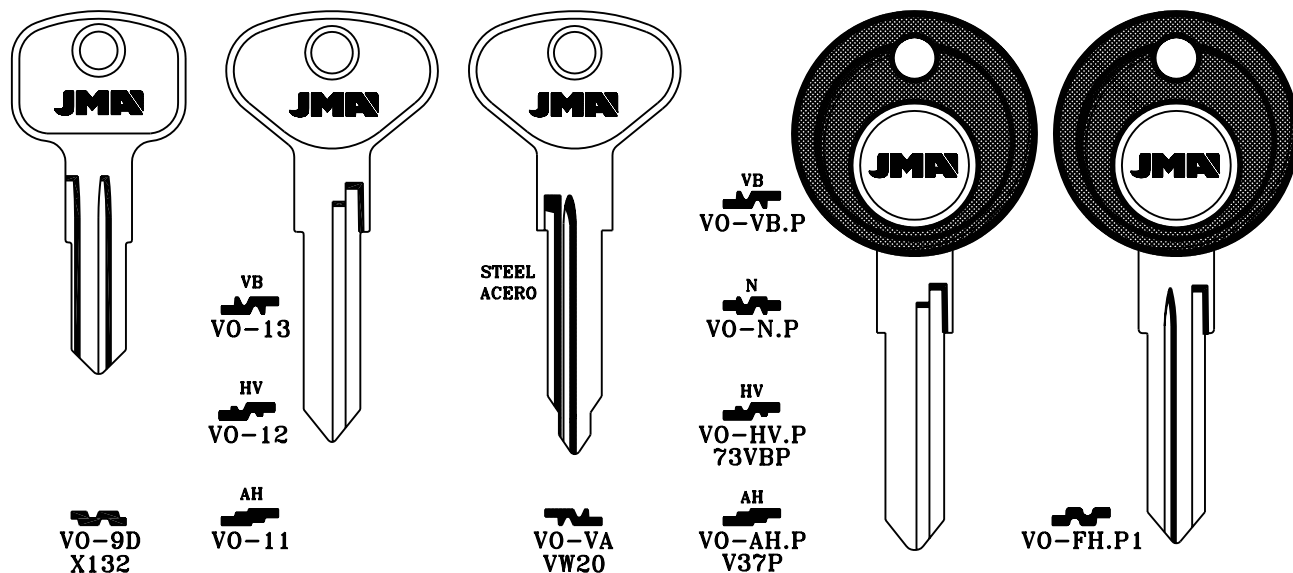
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marcas y denominaciones comer-
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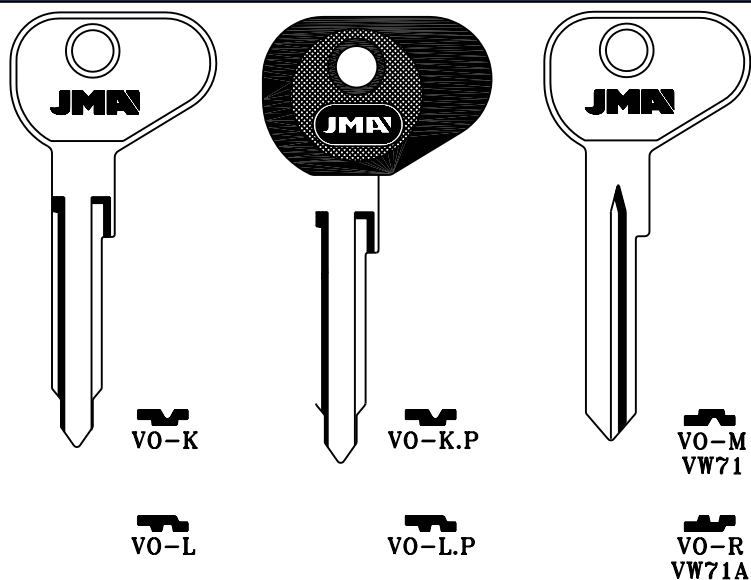
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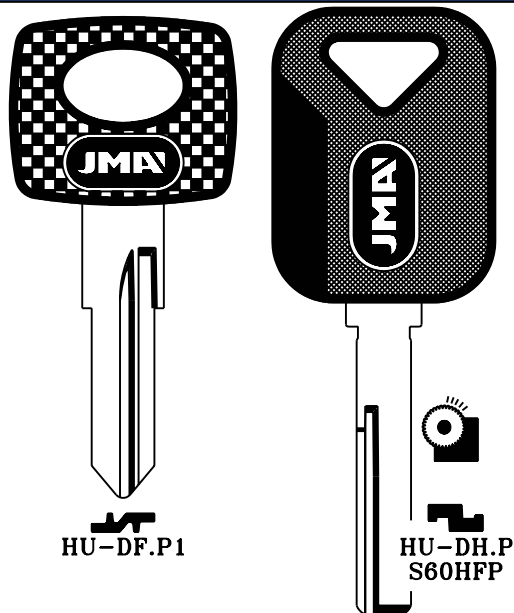
VOLKSWAGEN



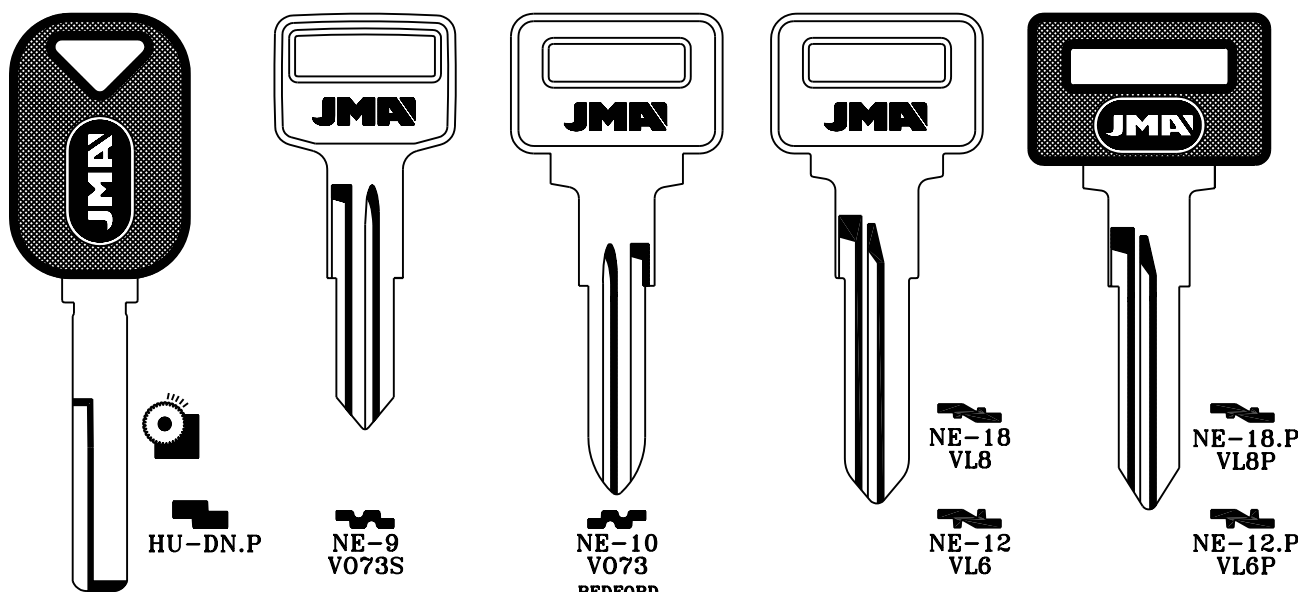
VOLKSWAGEN



VOLVO



VOLVO



BEDFORD
BRITISH LEYLAND-ROVER




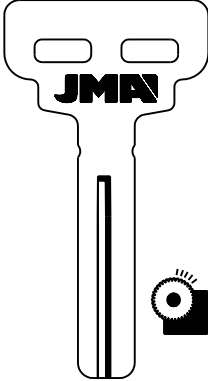



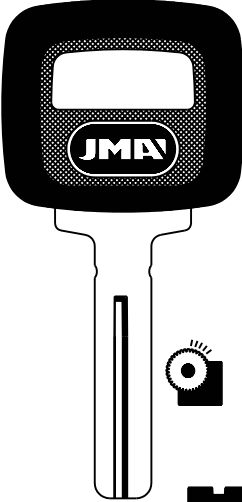



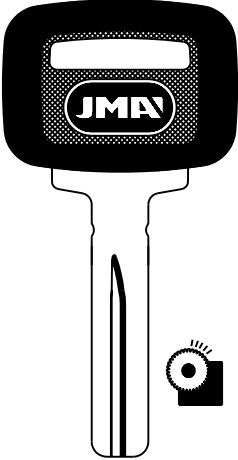



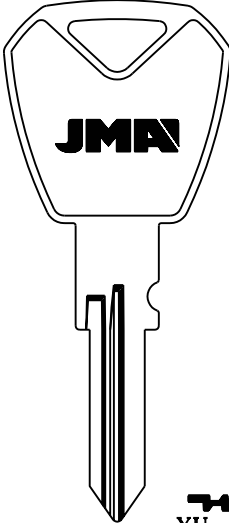

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VOLVO			YUGO
    NE-40	    NE-40.P S66NNP	    NE-41.P S67NNP	   YU-1D YU1



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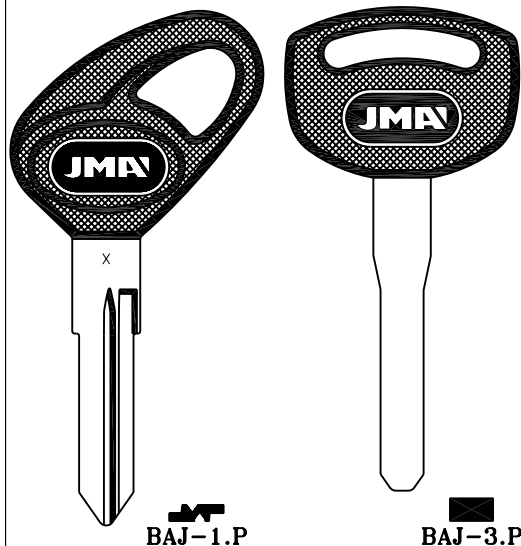
MOTORCYCLE

*MOTOCICLETA
MOTO*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

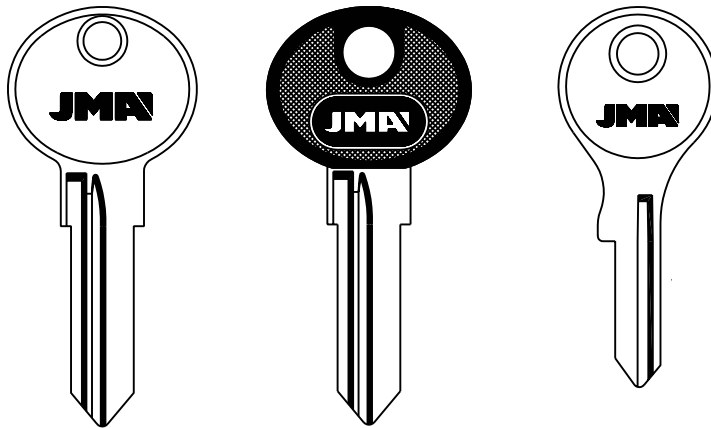
BAJAJ



BAJ-1.P

BAJ-3.P

BMW MOTORCYCLE



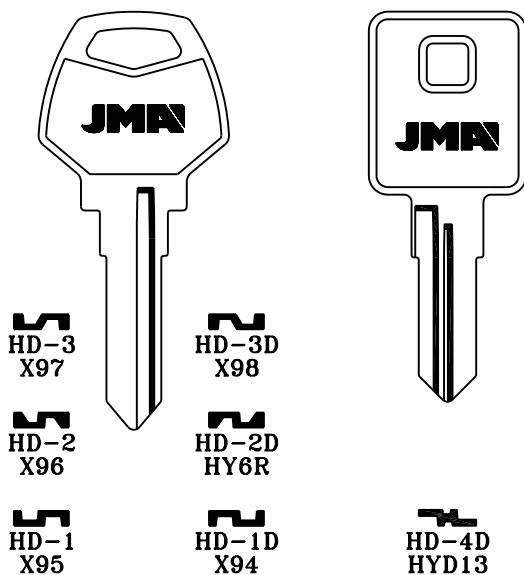
HB
BM-HB
BMW2

HB
BM-HB.P
BMW2P

NE-6
N2M

SUZUKI MOTORCYCLE

HARLEY DAVIDSON



HD-3
X97

HD-3D
X98

HD-2
X96

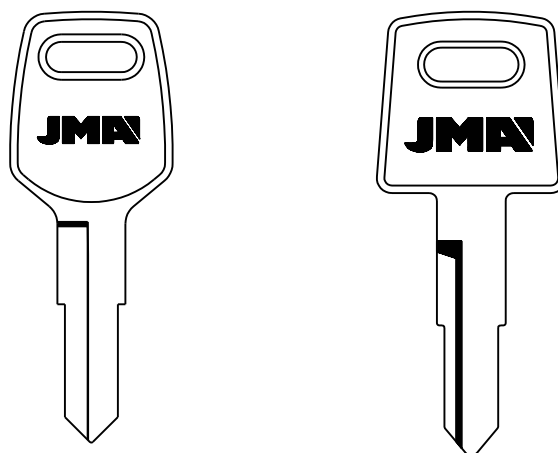
HD-2D
HY6R

HD-1
X95

HD-1D
X94

HD-4D
HYD13

HONDA



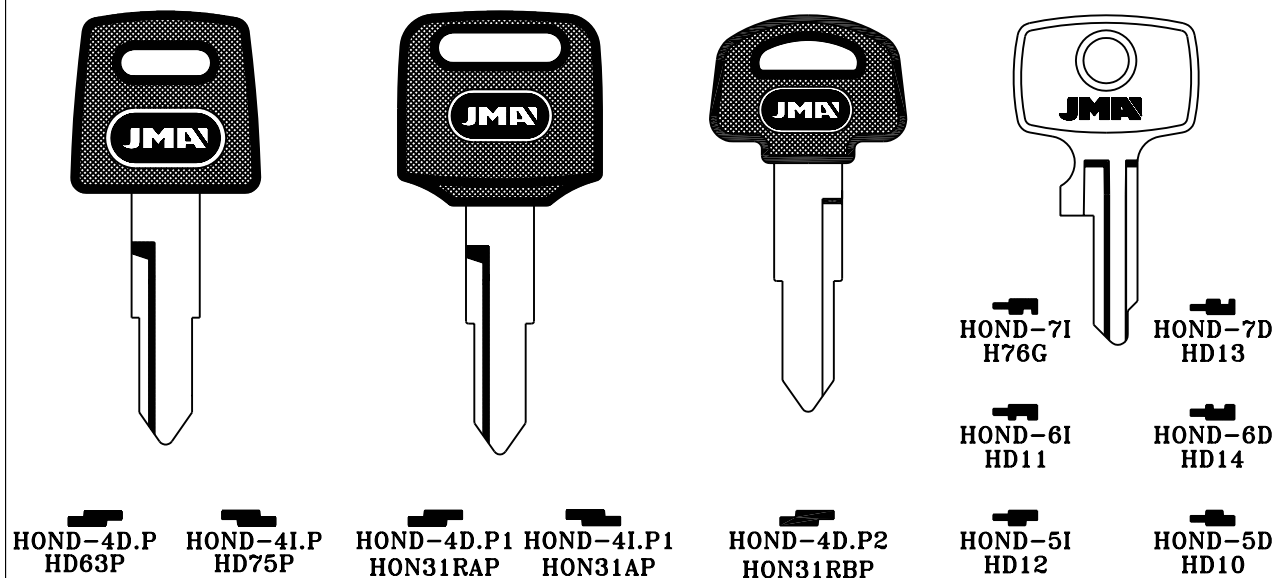
HOND-3D
H044

HOND-3I
HD45

HOND-4D
HD63

HOND-4I
HD75

HONDA



HOND-4D.P
HD63P

HOND-4I.P
HD75P

HOND-4D.P1
HON31RAP

HOND-4I.P1
HON31AP

HOND-4D.P2
HON31RBP

HOND-7I
H76G

HOND-7D
HD13

HOND-6I
HD11

HOND-6D
HD14

HOND-5I
HD12

HOND-5D
HD10



JMA

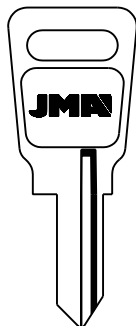
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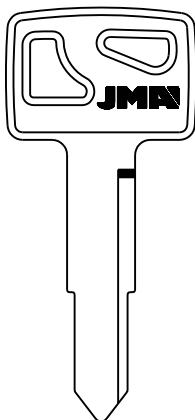
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HONDA

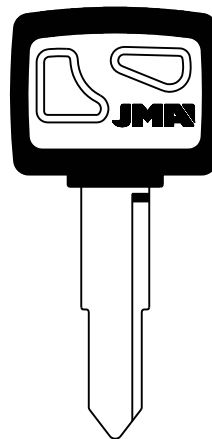


HOND-81
HD68



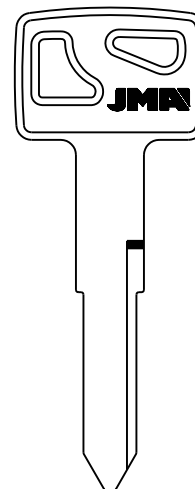
HOND-19
H058

HOND-19D



HOND-19.P

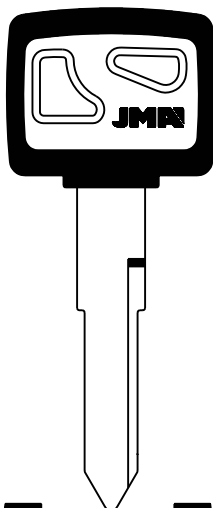
HOND-19D.P
HON39P



HOND-20
HON42

HOND-20D

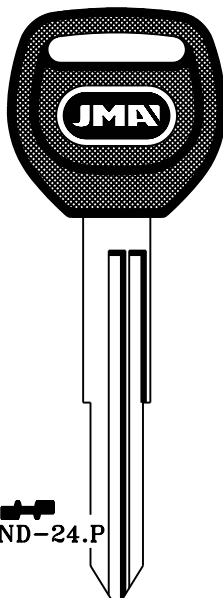
HONDA



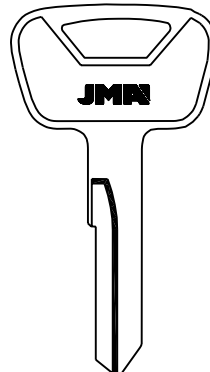
HOND-20.P

HOND-20D.P

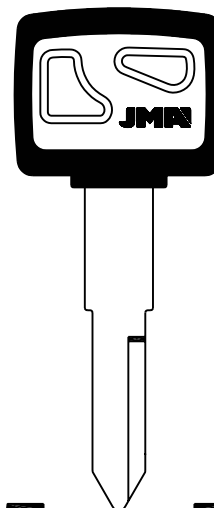
HOND-24.P



HOND-27D
HD7

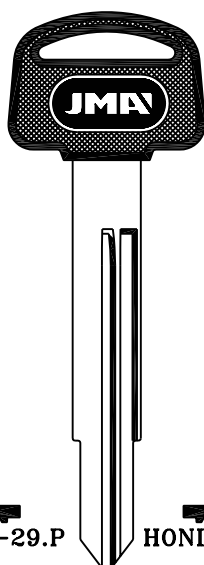


HOND-28.P
HON41P-SI



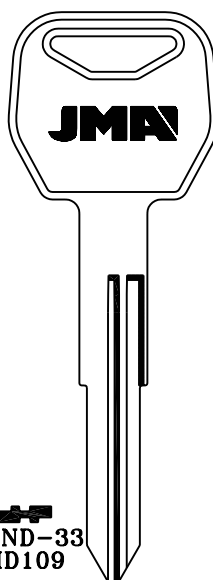
HOND-28D.P

HONDA

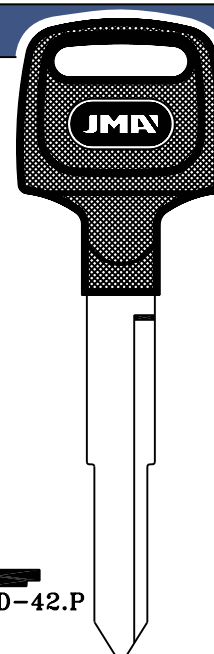


HOND-29.P

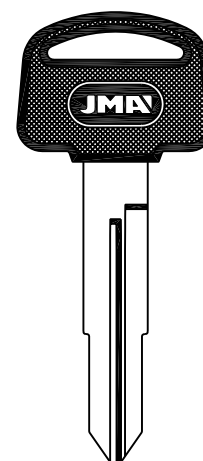
HOND-29D.P



HOND-33
HD109



HOND-42.P



HOND-43.P
HON64BP-SI

HOND-43D.P
HON64RBP-SI



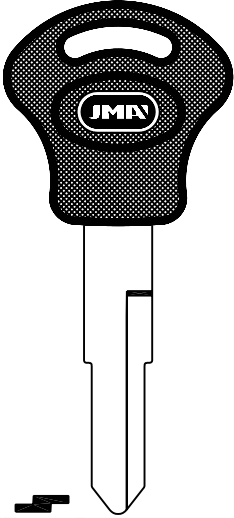
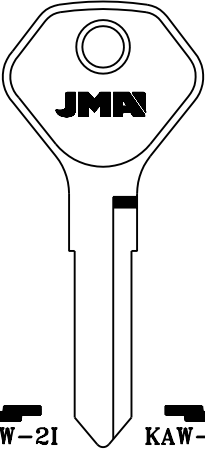
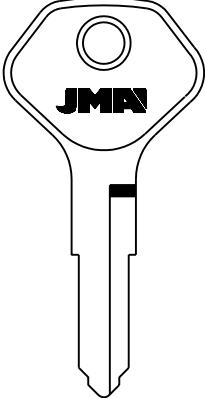
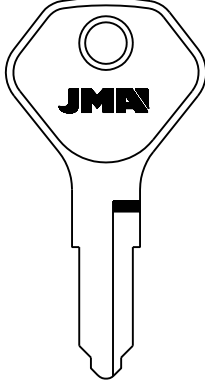
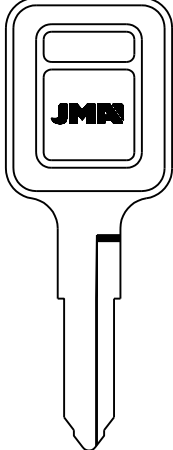
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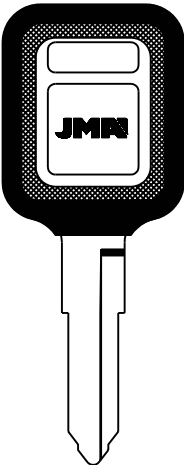
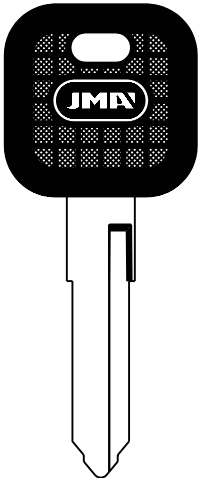
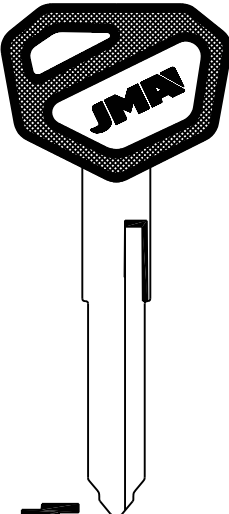
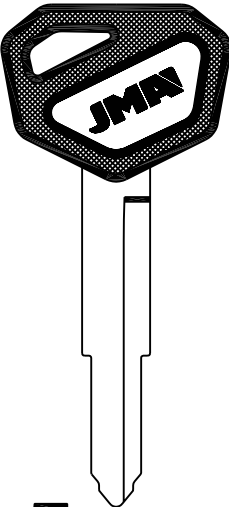
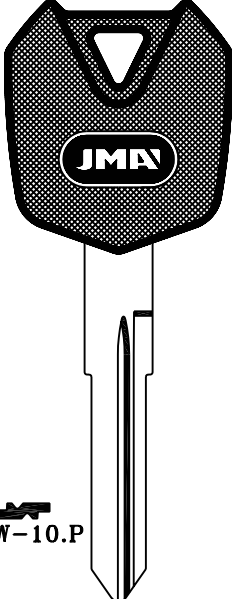
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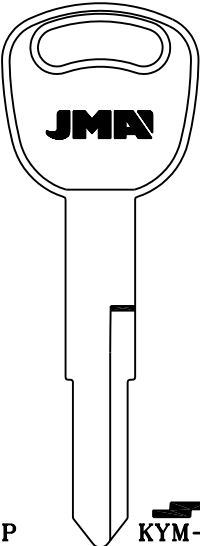
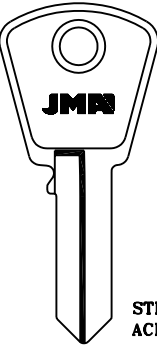
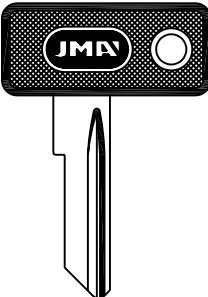
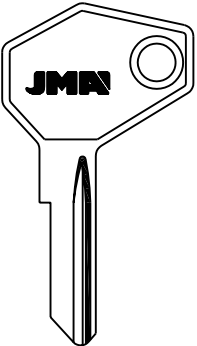
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ITALICA		KAWASAKI			
					
ITA-1.P		KAW-21	KAW-2D		
		KAW-11 KA11	KAW-1D KA15	KAW-3 KA14	KAW-4 KA13
					KAW-5 KW12

KAWASAKI				
				
KAW-5.P	KAW-6.P KW14AP	KAW-6D.P	KAW-7.P KW15BP	KAW-9.P
				KAW-10.P

KYMCO		LAMBRETTA	MOTO GUZZI	
				
*STEEL ACERO		STEEL ACERO		
*KYM-1.P KYM1P-SI	KYM-1D.P KYM1RP-SI	KYM-2 KYM2-SI	CAM-1D LA13	ZA-1.P ZD9P-SI
				ZA-12 ZD7-SI



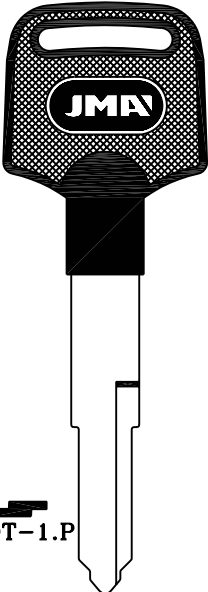

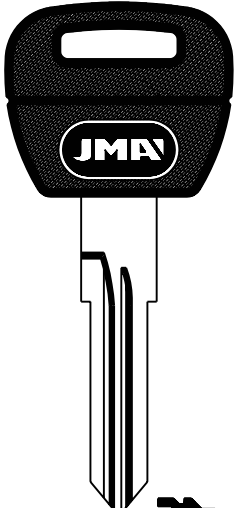

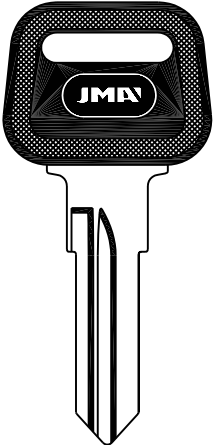

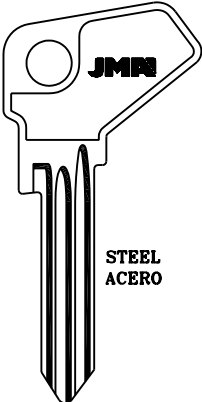

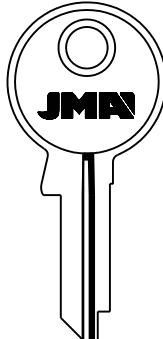




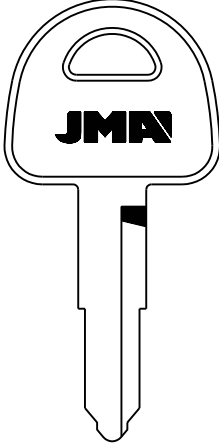

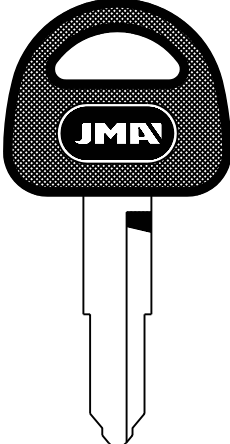

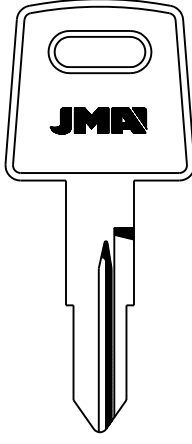

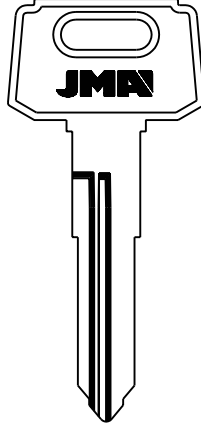

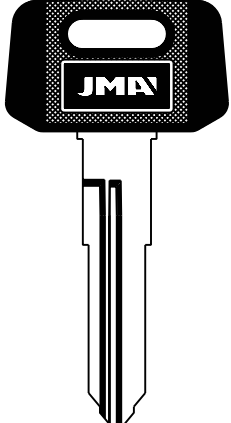

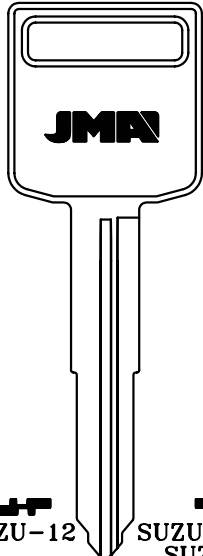

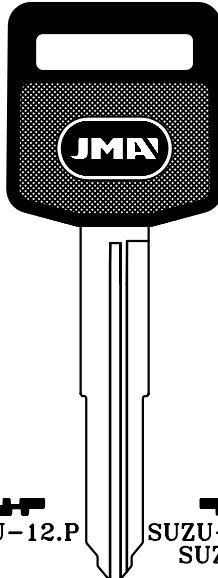



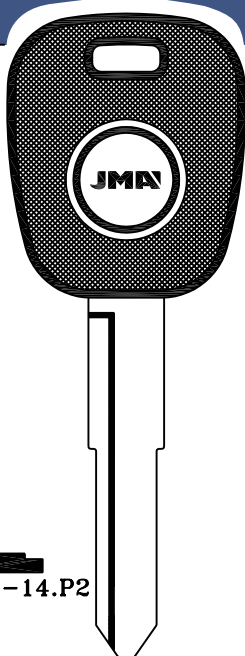

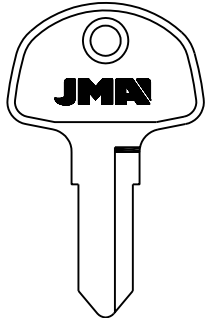


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MOTOMEL	PEUGEOT MOTORCYCLE		SKODA MOTORBIKE	SUZUKI
  MOT-1.P	  NE-35.P2 NE71RDP-SI	  NE-45.P NE74P-SI	  SKO-2 FB7 STEEL ACERO	  SUZU-2I SUZ3  SUZU-2D SUZ4  SUZU-1I SUZ2  SUZU-1D SUZ1
SUZUKI				
  SUZU-5 SUZ11	  SUZU-5.P SZ5P	  SUZU-6	  SUZU-11D SUZ12	  SUZU-11D.P SZ10RP
SUZUKI				
  SUZU-12	  SUZU-12D SUZ18	 SUZU-12.P	 SUZU-12D.P SUZ18P	  SUZU-14.P2   SUZU-16 SZ4R  SUZU-16D



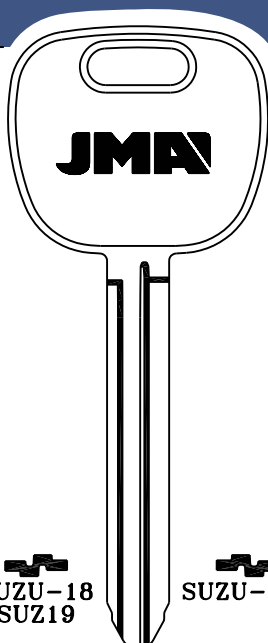
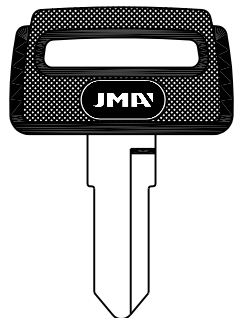
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commerciales voir la note dans
l'index.

SUZUKI



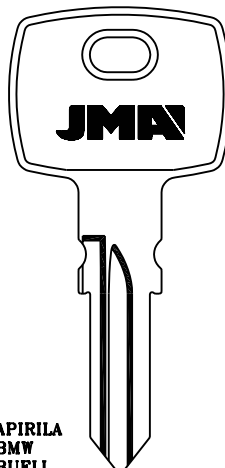
SUZU-16.P
SZ4P

SUZU-16D.P
SZ4RP

SUZU-18
SUZ19

SUZU-18D

TRIUMPH MOTORCYCLE



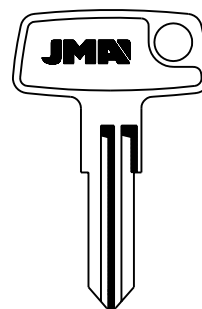
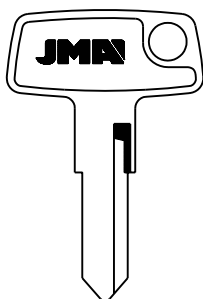
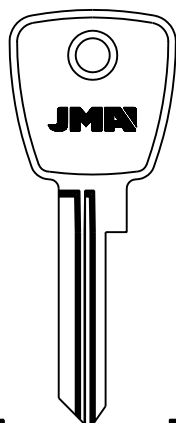
STEEL
ACERO

APIRILA
BMW
BUELL
CAGIVA
DERBI
ITALJET
KYMCO
MALAGUTI
MZ
PIAGGIO

TRP-1D
TMC1

UN-3
R62DM

YAMAHA



YAMA-21
YH9

YAMA-2D

YAMA-11
YH20

YAMA-1D
YH16

YAMA-31
YH39

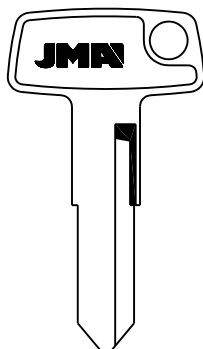
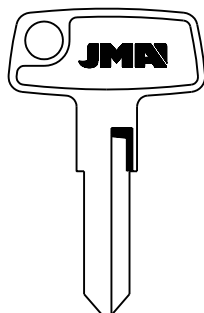
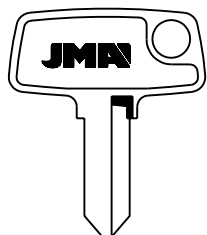
YAMA-3D
YH40

YAMA-4D
X48

YAMA-51
YH28

YAMA-5D
YH27

YAMAHA



YAMA-17I
YH33

YAMA-17D
YH34

YAMA-16I
YM56

YAMA-16D
YM55

YAMA-15I
YH32

YAMA-15D
YH30

YAMA-14I
YH35

YAMA-14D
YH36

YAMA-13I
YH45

YAMA-13D
YH44

YAMA-6I
YH6SI

YAMA-6D
YH6R

YAMA-7I
YH29

YAMA-7D
YH24

YAMA-12I
YH37

YAMA-12D
YH38

SUZUKI

MOTOR
CYCLE



JMA

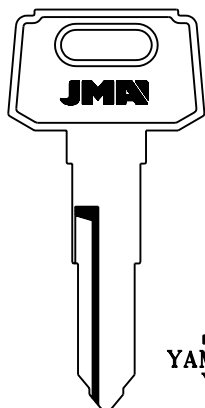
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l'index.

YAMAHA



YAMA-20D
YH51

YAMA-20I
YH50

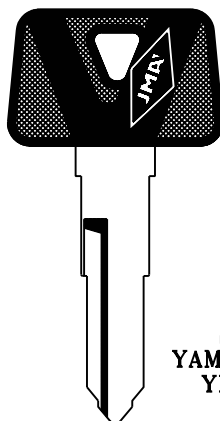
YAMA-19D
YH49

YAMA-19I
YH48

YAMA-18D
YH47

YAMA-18I
YH46

SUZUKI



YAMA-20D.P
YH30BP

YAMA-19D.P
YH29BP

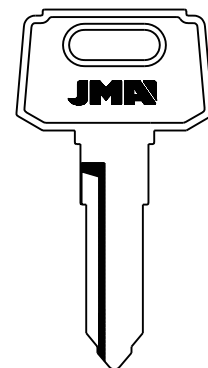
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YH28BP

SUZUKI

YAMA-20I.P
YH30RBP

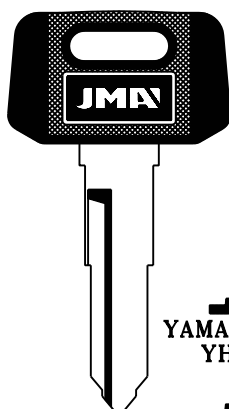
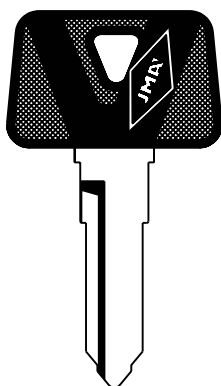
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YH29RBP

YAMA-18I.P
YH28RBP



YAMA-21I
YH31R

YAMAHA



YAMA-24D.P
YH30P

YAMA-24I.P
YH30RP

YAMA-23D.P
YH29P

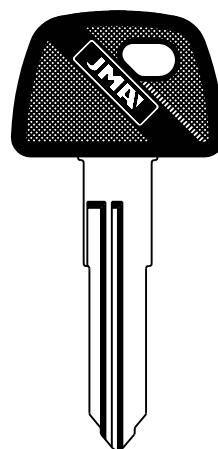
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YAMA-21I.P
YH31RAP

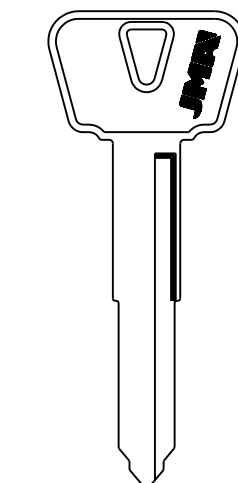
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YH28P

YAMA-22I.P
YH28RP

SUZUKI



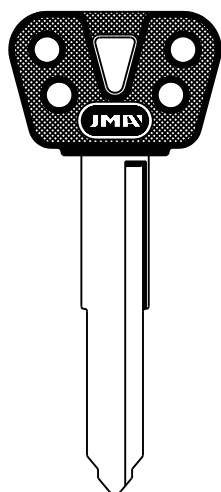
YAMA-25D.P



YAMA-26
YM64

YAMA-26D
YM63

YAMAHA



YAMA-26.P

YAMA-26D.P
YH35RBP

YAMA-27

YAMA-27D

YAMA-27.P
YH34P

YAMA-27D.P

YAMA-29.P

YAMA-28.P



JMA

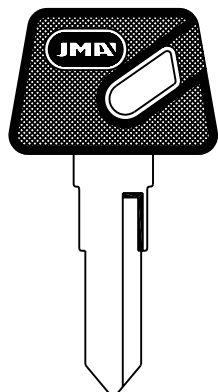
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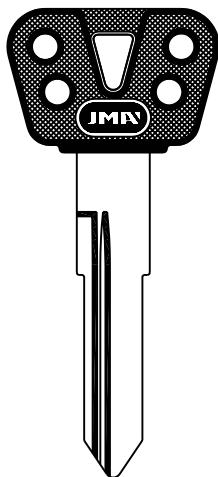
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commerciales voir la note dans
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YAMAHA

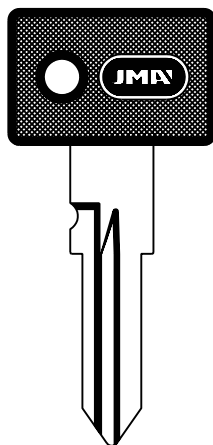



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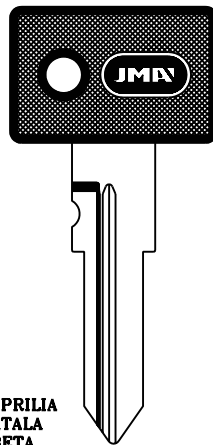



YAMA-32D.P

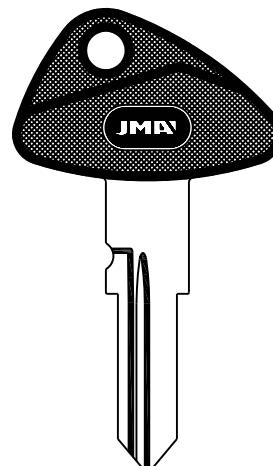
ZADI




ZA-2.P
ZD14RP



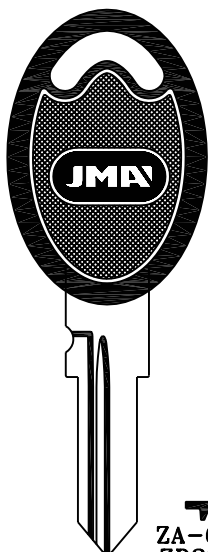

ZA-4D.P
ZD16RP




ZA-6D.P
ZD28RFP
BMW

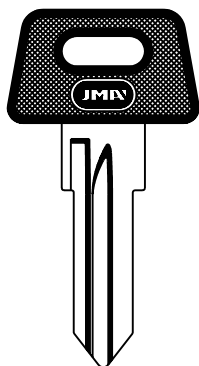
APRILIA
ATALA
BETA
CAGIVA
ITALJET
MALAGUTI
MAZDA
PIAGGIO
RIZATO
SUZUKI
YAMAHA

ZADI



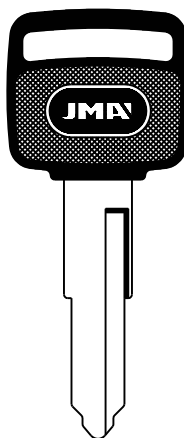

ZA-6D.P1
ZD22RBP

APRILIA-BIMOTA



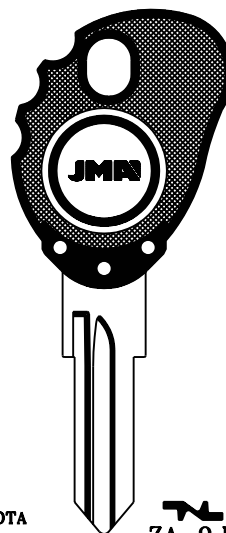

ZA-7D.P
ZD17RAP

GILERA




ZA-8.P
ZD21P

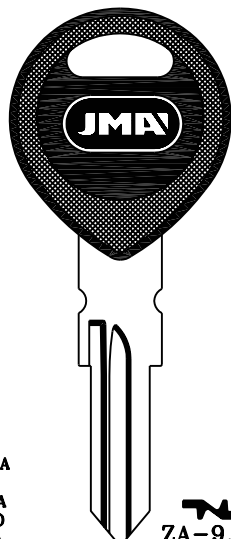
CAGIVA



BIMOTA
BMW
HONDA
ITALJET
MALAGUTI


ZA-9.P
ZD23RCP

ZADI




ZA-9.P1
ZD24RDP

BIMOTA
DERBI
GILERA
KYMCO
MAZDA
MOTO GUZZI
TRIUMPH MOTOR.
YAMAHA



JMA

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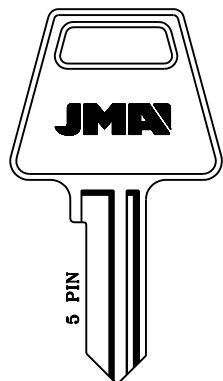
NORTH AMERICAN CYLINDER

*CILINDRO NORTEAMERICANO
CYLINDRE NORD-AMÉRICAIN*

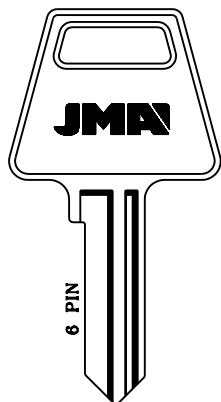


THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

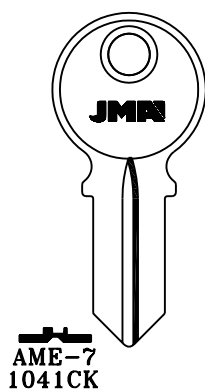
AMERICAN LOCK



AME-1
AM3



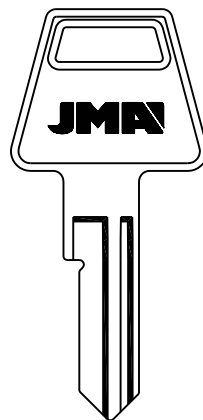
AME-2
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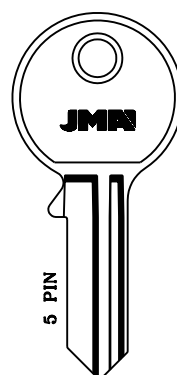
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AME-6
1041CE

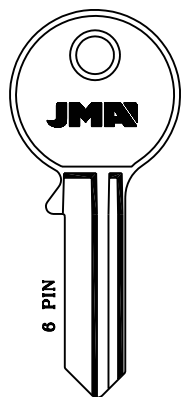


AME-4
AM4



JU-1
1046

AMERICAN LOCK

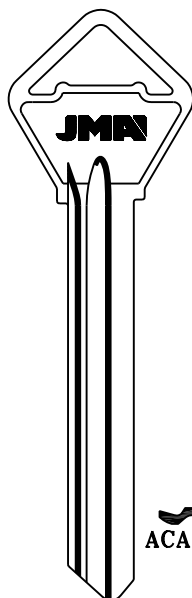


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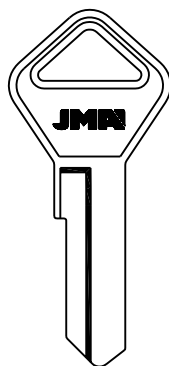


JU-2
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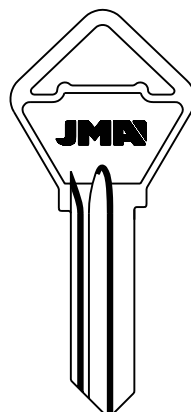
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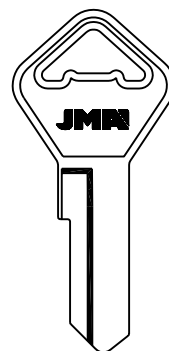
ACA-1D



ACA-4D



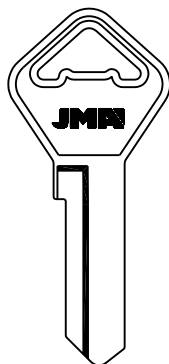
ACA-3D



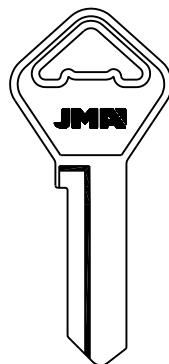
ACA-5D

ACA-2D

ARCA

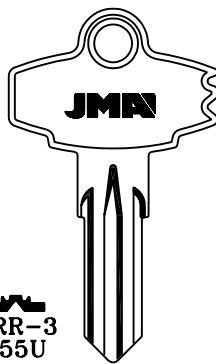


ACA-6D



ACA-7D

ARROW



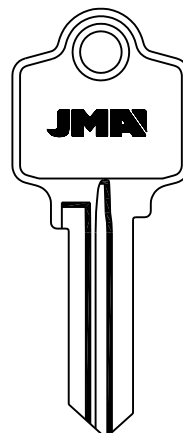
ARR-3
755U



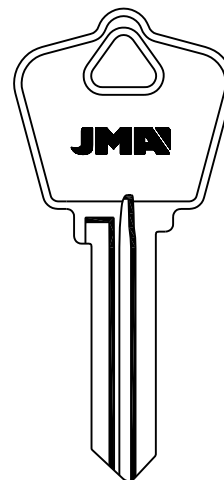
ARR-2
757
DOMINION LOCK
FORT



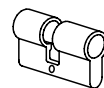
ARR-1
755
DOMINION LOCK



ARR-4D
AR1
ALMET



ARR-5D
AR4
ALMET



JMA

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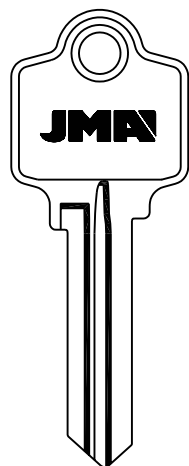
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ciales ver nota en índice.

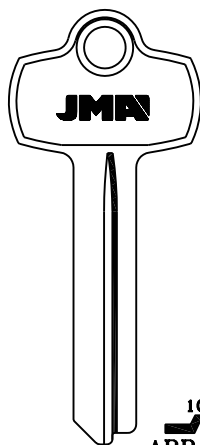
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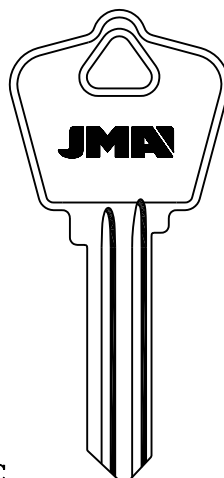
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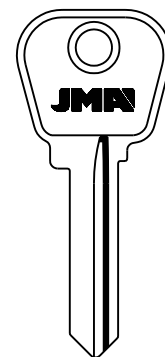
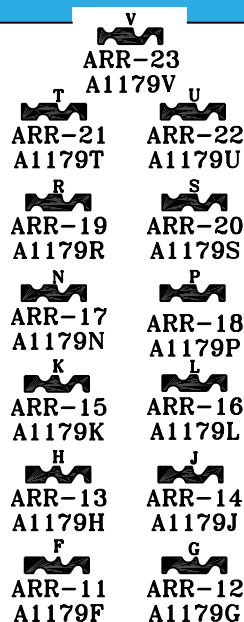
ARROW

AUSTRAL



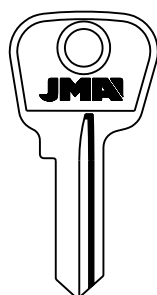
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N1179A


 1C
ARR-9D
B1179-1C
 1D
ARR-7D
B1179-1D


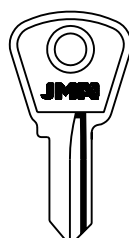
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ARR-10
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AUS-1

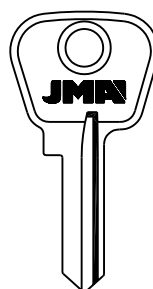
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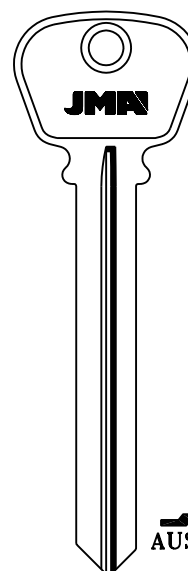
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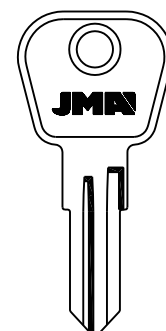
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AUS-4



AUS-5



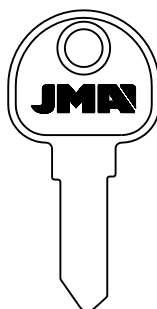
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 AUS-6D

AUSTRAL

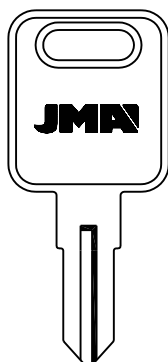
AUTH
FLORENCE

AVCE

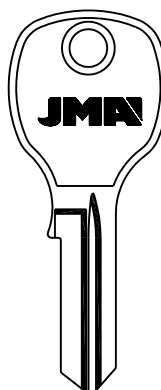
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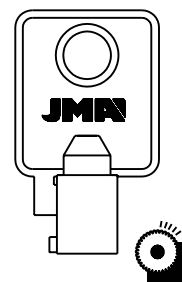


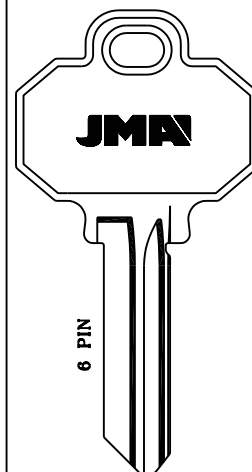
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AUS-8



 AUT-1D
AF1


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ø6.2
AVC-1T


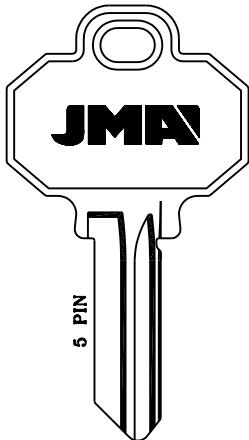

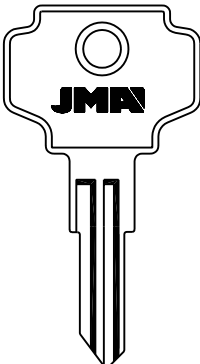
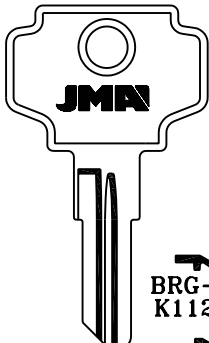





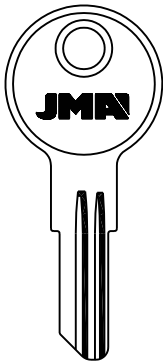
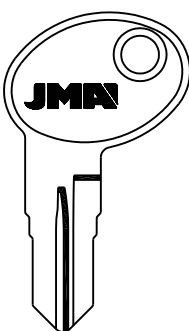



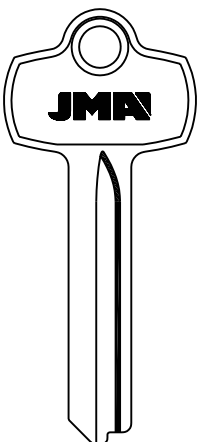

















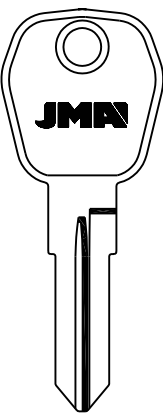

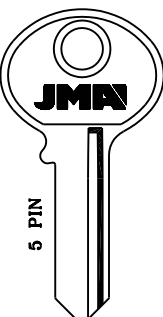



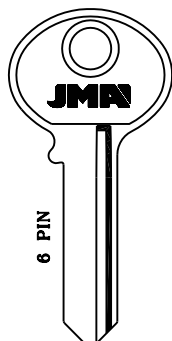


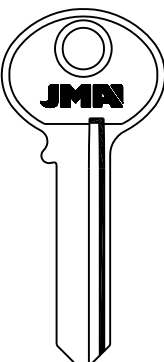

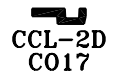
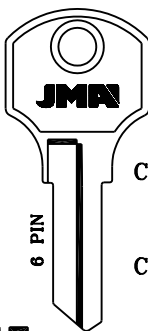


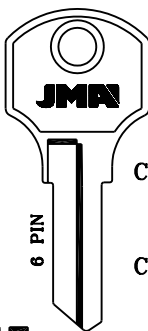



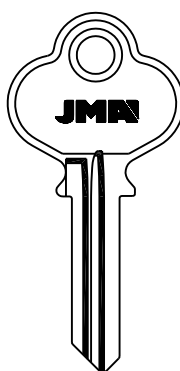

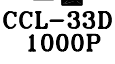
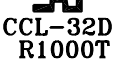

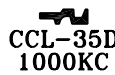
 6 PIN
BAL-1
1511


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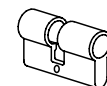
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

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and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

BALDWIN	BARGMAN		BAUER	
<div></div> <div>5 PIN</div> <div></div> <div>BAL-2 BW2</div>	<div></div> <div></div> <div></div> <div>BRG-5D K1122B</div> <div></div> <div>BRG-4D K1122C</div> <div></div> <div>BRG-3 K1122N</div> <div></div> <div>BRG-1 BN1</div> <div></div> <div>BRG-2D L1054M</div>	<div></div> <div></div> <div></div> <div>BUE-1 BAU1</div> <div></div> <div>BUE-1D BAU1R</div> <div></div> <div>BUE-2 BAU2</div>		
BEST		CAM LOCK	CCL	
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CCL				
<div></div> <div>6 PIN</div> <div></div> <div>CCL-26 X01000FR</div> <div></div> <div>CCL-2 SX1000FR</div>	<div></div> <div></div> <div>CCL-26D X01000F</div> <div></div> <div>CCL-2D C017</div>	<div></div> <div>6 PIN</div> <div></div> <div>CCL-13D 1000FX</div> <div></div> <div>CCL-3D C019</div>	<div></div> <div></div> <div>CCL-32 C012</div> <div></div> <div>CCL-12 C026 HUDSON</div> <div></div> <div>CCL-12D R1000V</div>	<div></div> <div></div> <div>CCL-34D 1000XK HUDSON</div> <div></div> <div>CCL-33D 1000P</div> <div></div> <div>CCL-32D R1000T</div> <div></div> <div>CCL-5D C063</div> <div></div> <div>CCL-35D 1000KC</div>

NAT. CASH REGISTER



JMA

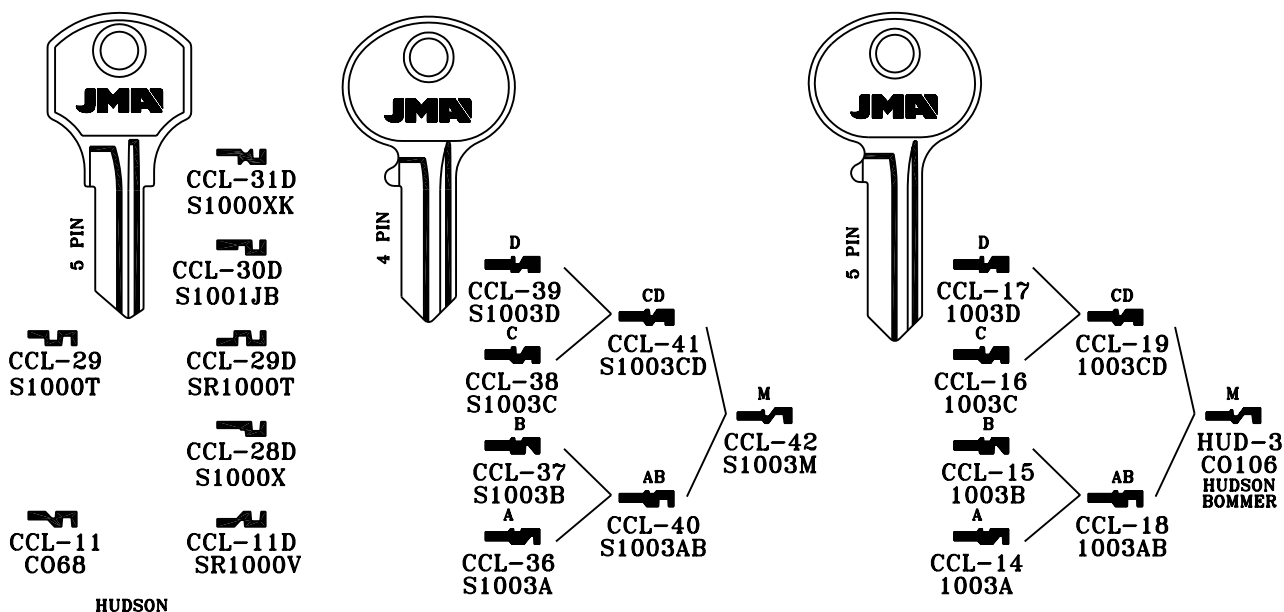
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ciales ver nota en índice.

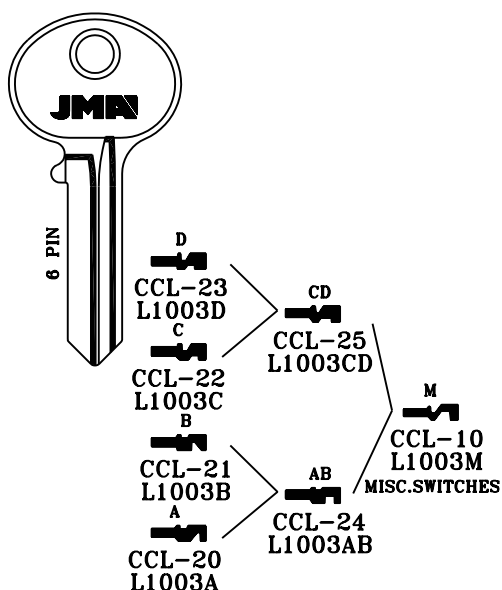
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marques et dénominations
commerciales voir la note dans
l'index.

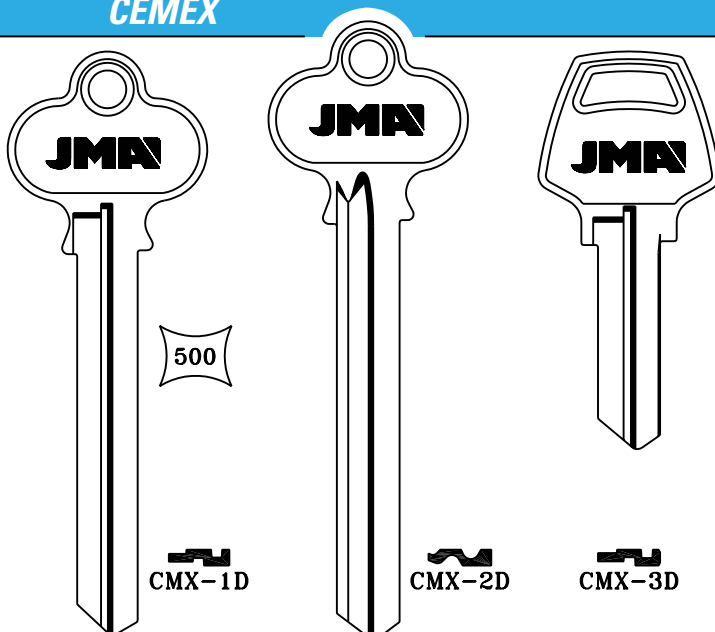
CCL



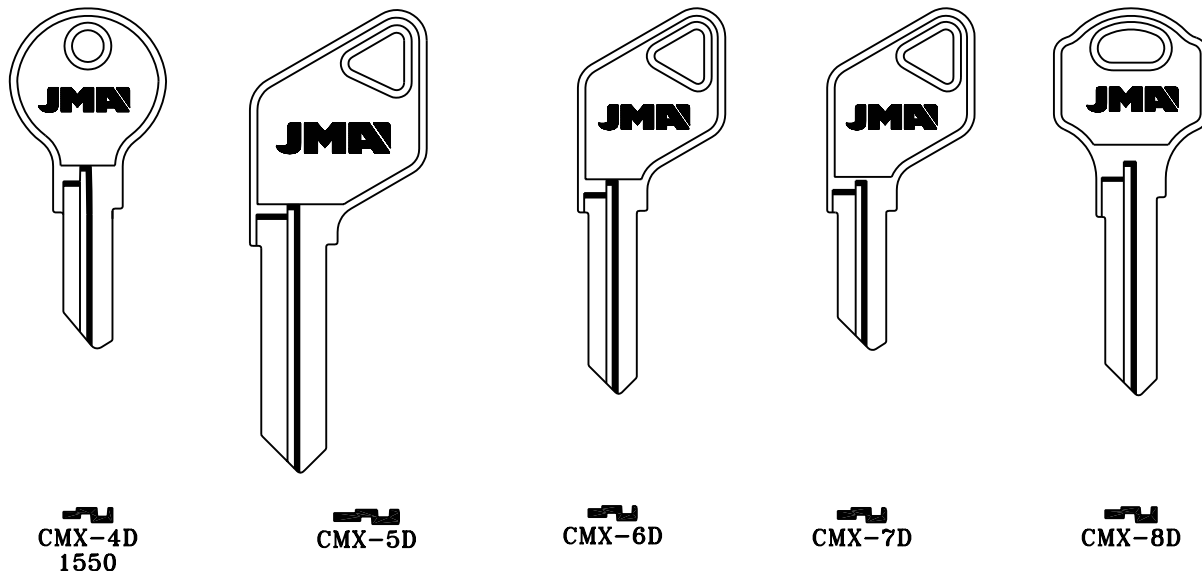
CCL



CEMEX



CEMEX



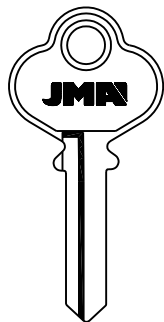
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ciales ver nota en índice.

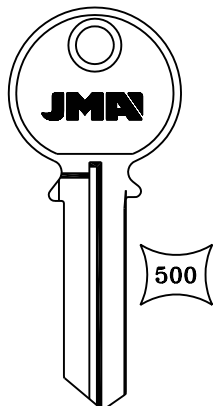
Attention: Concerning the marks
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marques et dénominations
commerciales voir la note dans
l'index.

CEMEX

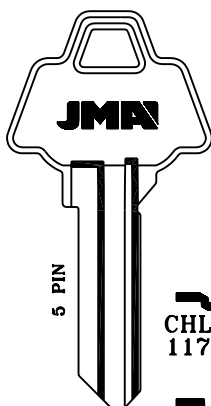


CMX-9D



CMX-10D
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CHALLENGER



5 PIN

CHL-5
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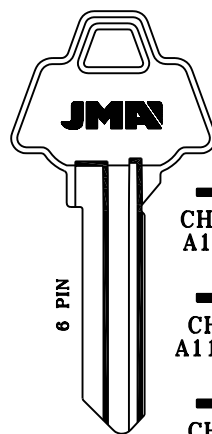
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CHL-1
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CHL-6
1170M

CHL-4
1170CJ

CHL-2
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6 PIN

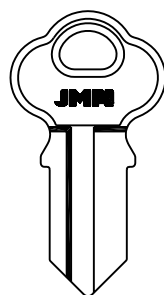
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CHL-9
A1170CB

CHL-8
A1170C

CHL-7
H04

CHICAGO



CHI-5
1041N

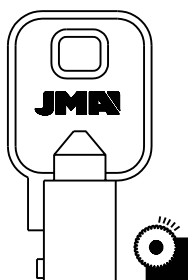
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CG2

CHI-35
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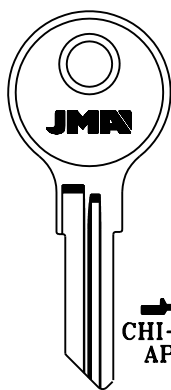
CHI-4
1041GB

CHI-2
CG1



CHI-1T
1137B

BMW MOTORCYCLE
BUELL
HARLEY DAVIDSON
ACE
FORT
ILCO



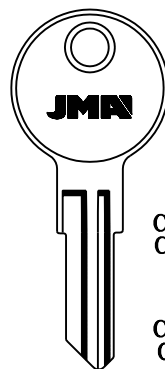
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AP5

CHI-9D
AP1

CHI-7D
AP4

CHI-10D
AP2

CHI-8D
AP3



CHI-19D
C1041N

CHI-17D
C1041J

CHI-14
CG22

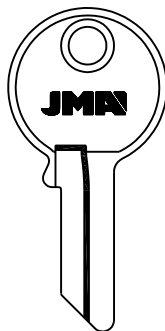
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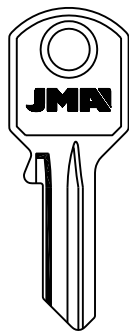
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CHI-12D
CG16

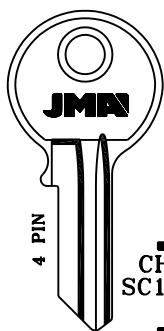
CHICAGO



CHI-13D
CG17



CHI-16D
S1041JA



4 PIN

CHI-23
SC1041YR

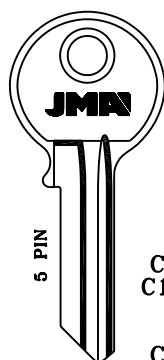
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SC1041T

CHI-21
SC1041S

CHI-20
SC1041R

CHI-22D
SC1041TR

CHI-21D
SC1041SR



5 PIN

CHI-27
C1041YR

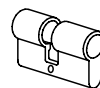
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C1041T

CHI-25
C1041JB

CHI-24
C1041R

CHI-26D
C1041TR

CHI-25D
C1041SR



JMA

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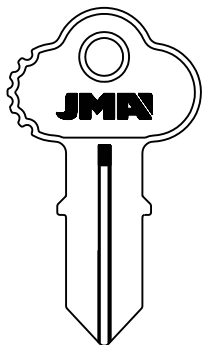
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NORTHCYL

CHICAGO



CHI-34
C1041DN

CHI-32D
1041DE

CHI-33D
1041DH

CHI-31
R1041DV

CHI-31D
1041DV

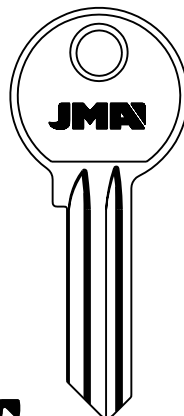
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CHI-30D
R1041DC

CHI-28
1041D

CHI-29
1041DB

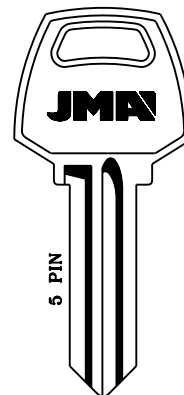
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COR-11

COR-1D
CB7

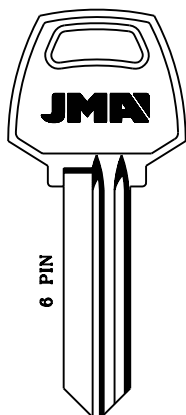


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COR-8
C087

COR-7
C097

CORBIN



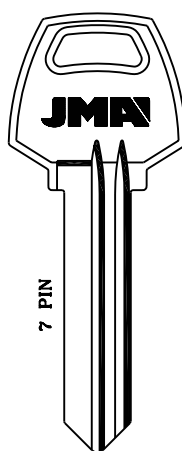
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COR-155D
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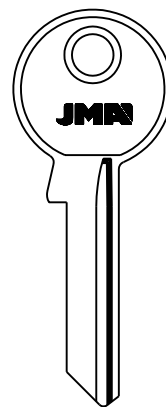
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COR-9D
A1001EHR

COR-10
01001E

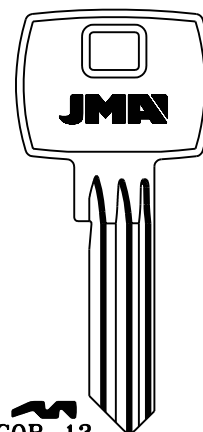


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COR-11

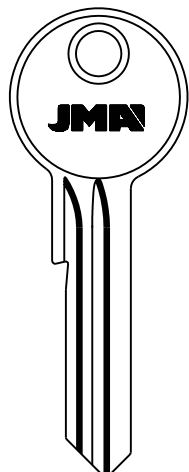
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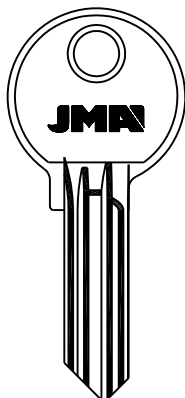
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COR-12

CORBIN



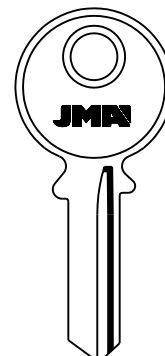
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COR-16D



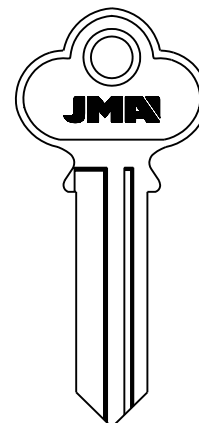
COR-17D



COR-20



COR-20D



COR-25I



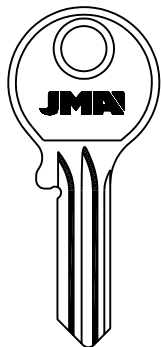
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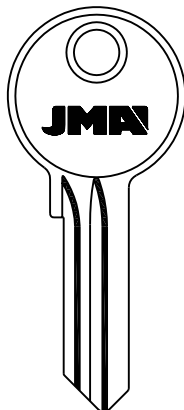
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and commercial denominations
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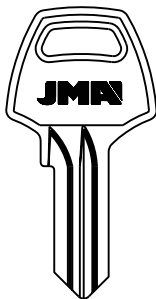
CORBIN



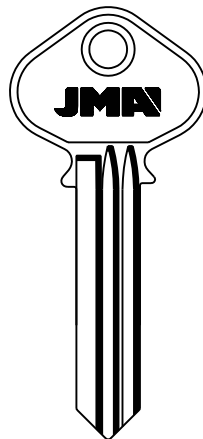
COR-27D



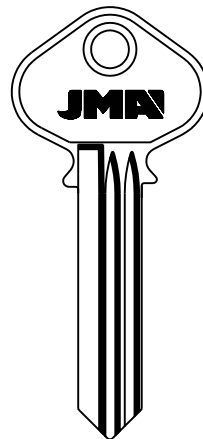
COR-29D



COR-30
CB1

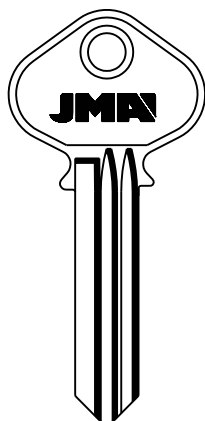


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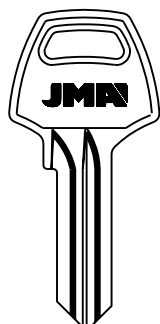


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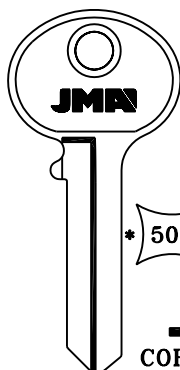
CORBIN



COR-34

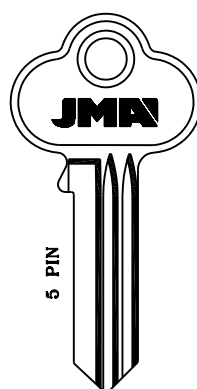


COR-40
CB2



COR-42

*COR-41D



COR-221D
1001GB

COR-177D
R1001MJ

COR-175
CB37

COR-109
1001MJ

COR-82
C01

COR-62
C07

COR-178D
R1001ES

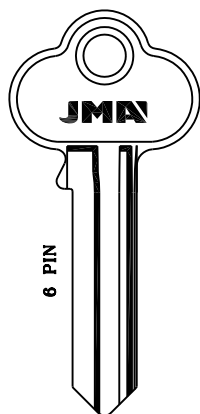
COR-176D
R1001CEM

COR-110
1001ES

COR-83
C05

COR-81
C03

CORBIN



6 PIN

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ALPACA

COR-172D
A1001MJR

COR-169
R1001EK

*COR-166D
1001MG

COR-163
1001MB

COR-111D
A1001HP

COR-44
C02

COR-173D
R1001ET

COR-170
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COR-167D
R1001ED

COR-164
1001MC

COR-112
A1001MJ

COR-45
C036

COR-174
1001EA

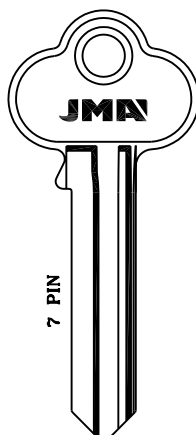
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COR-168
C035

COR-165D
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COR-162
1001MA

COR-84
C06



7 PIN

COR-220
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COR-160
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COR-158
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COR-156
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COR-85
1001A

COR-46
1000A

COR-220D
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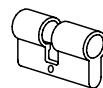
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COR-157D
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COR-113
B1001EJ

COR-47
1001EL



JMA

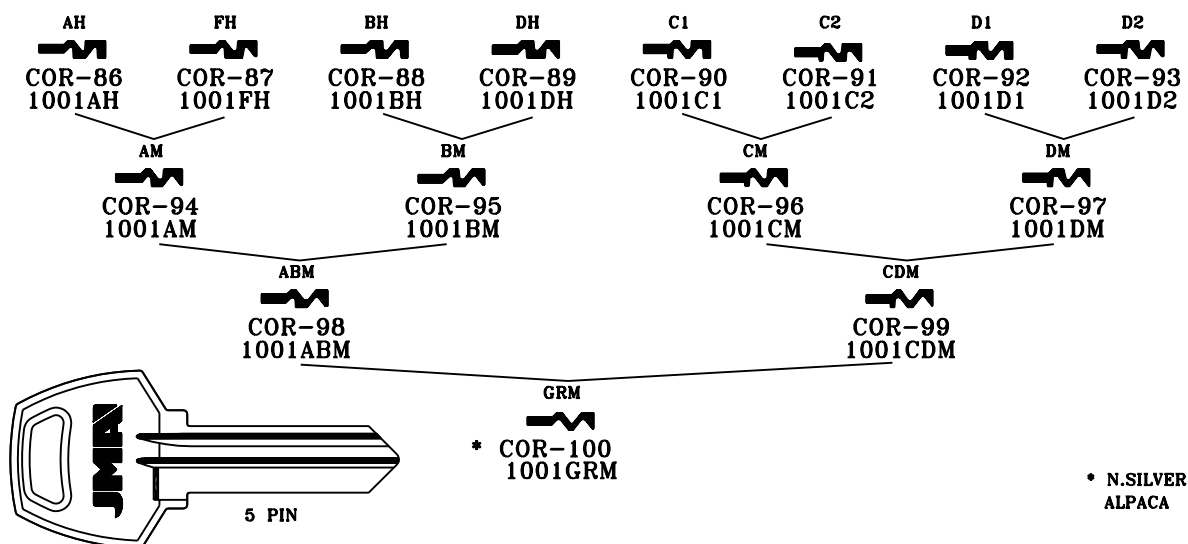
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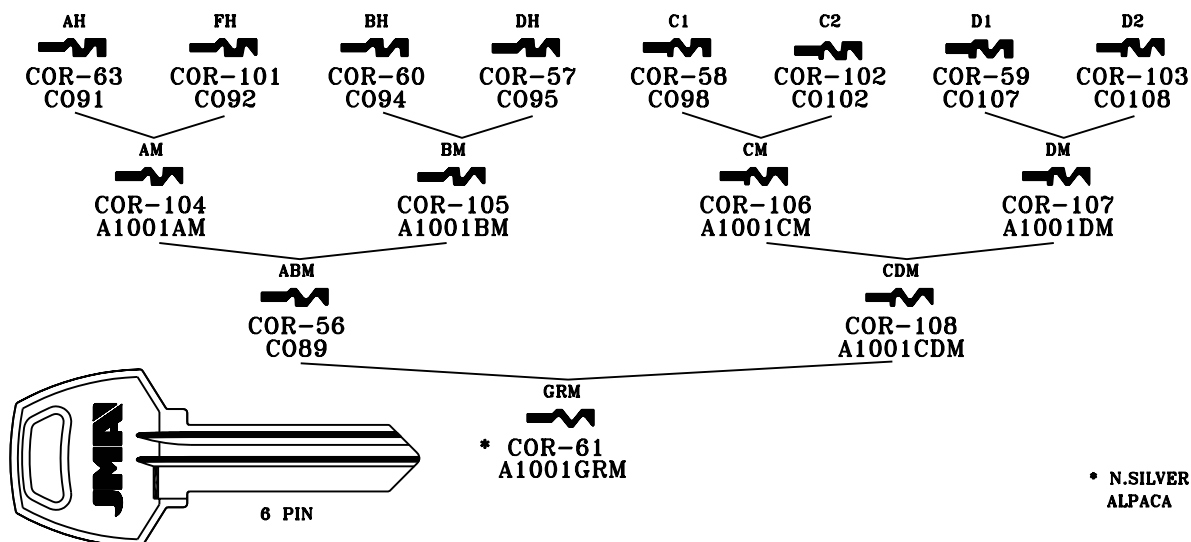
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CORBIN



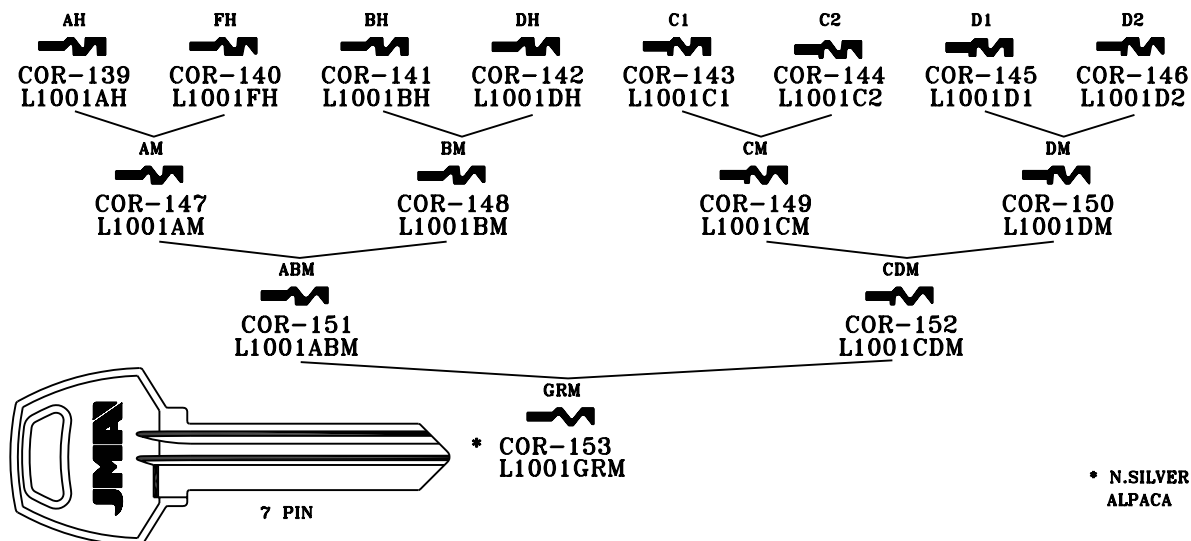
• N.SILVER
ALPACA

CORBIN



• N.SILVER
ALPACA

CORBIN



• N.SILVER
ALPACA



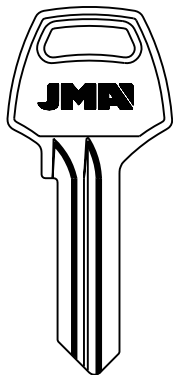
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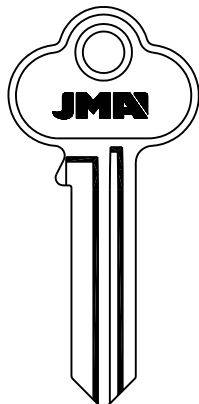
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commerciales voir la note dans
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CORBIN



COR-50/60
CB3



COR-55D
C062



N.SILVER
ALPACA

COR-130D
A1012-H8

COR-128D
A1012-H3

COR-126D
A1012-H2

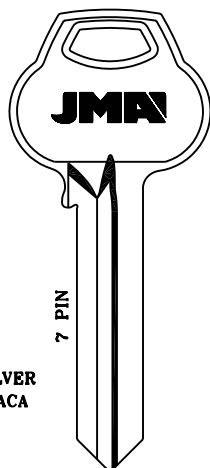
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A1012-H1

COR-129D
A1012-H7

COR-127D
A1012-H6

COR-125D
A1012-H5

CORBIN



N.SILVER
ALPACA

L4
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L1011-L4

L3
COR-133D
L1011-L3

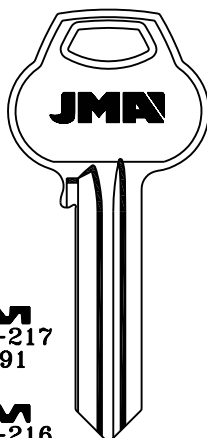
L2
COR-132D
L1011-L2

L1
COR-131D
L1011-L1

L34
COR-136D
L1011-L34

L41
COR-137D
L1011-L41

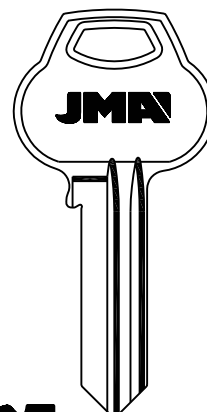
L12
COR-135D
L1011-L12



COR-217
CR91

COR-216
CR88

COR-215
CR46



COR-219
CR45

COR-218
CR87

CORBIN

COR-179
A1012-59A1

COR-180
CR92

COR-181
CR94

COR-182
CR95

COR-183
A1012-59C1

COR-184
A1012-59C2

COR-185
A1012-59D1

COR-186
A1012-59D2

COR-187
A1012-59A

COR-188
A1012-59B

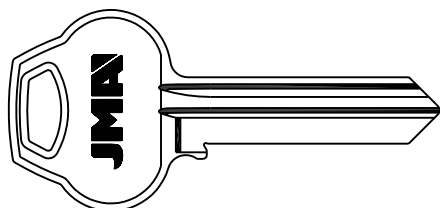
COR-189
A1012-59C

COR-190
A1012-59D

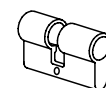
COR-191
A1012-59AB

COR-192
A1012-59CD

COR-193
A1012-59AD



N.SILVER
ALPACA



JMA

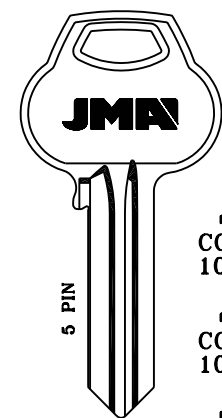
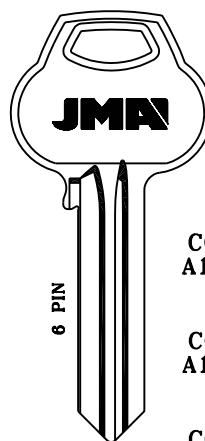
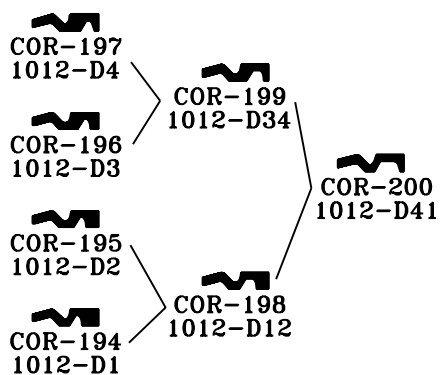
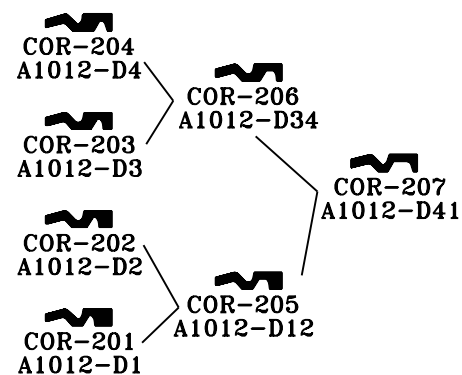
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Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

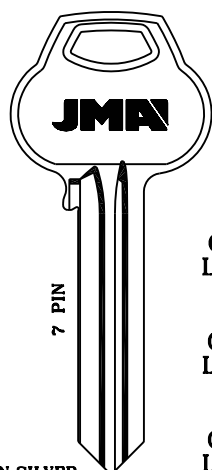
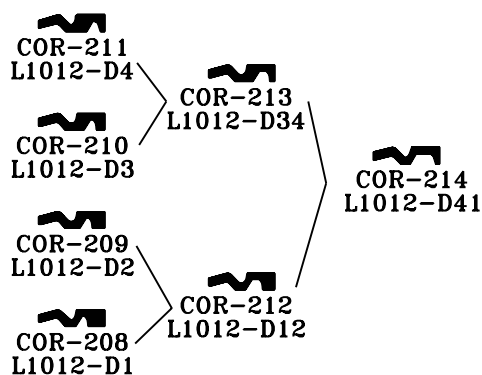
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

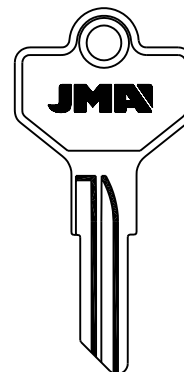
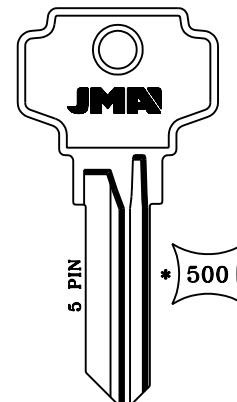
CORBIN

N.SILVER
ALPACAN.SILVER
ALPACA

CORBIN

N.SILVER
ALPACA

DEXTER

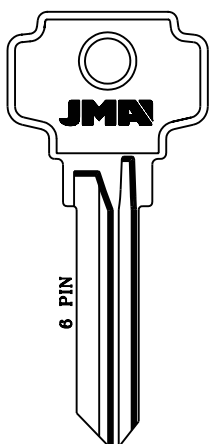
DX-4
DE4

DX-1D

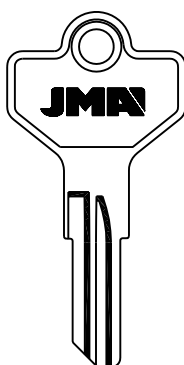
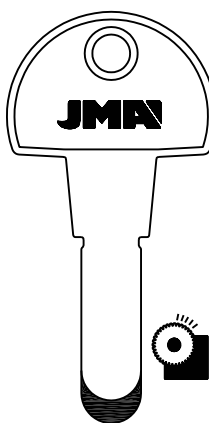
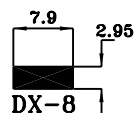
DX-5

*DX-5D
DE6

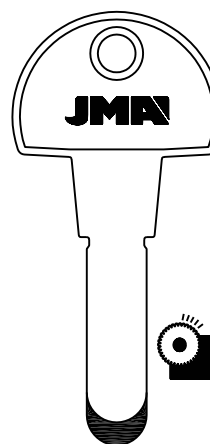
DEXTER



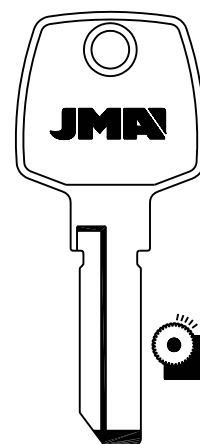
DX-6

DX-6D
DE8DX-7D
DE2

DX-8



DX-9



DX-10



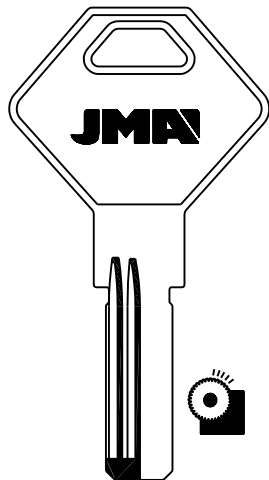
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marcas y denominaciones comer-
ciales ver nota en índice.

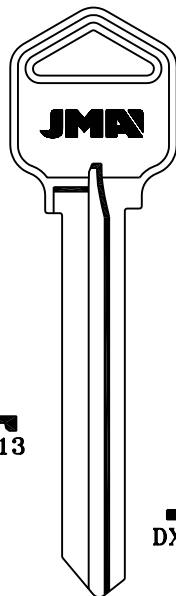
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

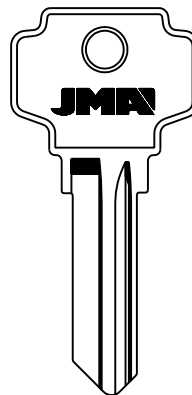
DEXTER



DX-11D



DX-13



DX-37
DE9

DX-12D

DEXTER

B10
DX-14
DXB10

B20
DX-15
DXB20

B30
DX-16
DXB30

C10
DX-17
DXC10

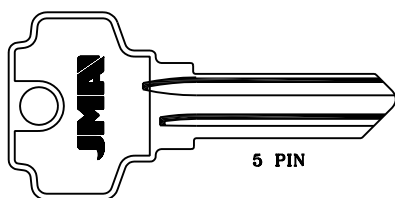
C20
DX-18
DXC20

C30
DX-19
DXC30

D10
DX-20
DXD10

D20
DX-21
DXD20

D30
DX-22
DXD30



5 PIN

18R
DX-23
DX18R

DEXTER

B10
DX-24
DXB1

B20
DX-25
DXB2

B30
DX-26
DXB3

C10
DX-27
DXC1

C20
DX-28
DXC2

C30
DX-29
DXC3

D10
DX-30
DXD1

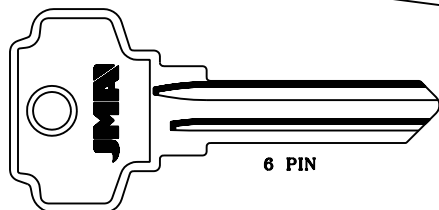
D20
DX-31
DXD2

D30
DX-32
DXD3

B4
DX-33
DXB4

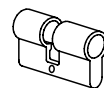
C4
DX-34
DXC4

D4
DX-35
DXD4



6 PIN

G5
DX-36
DXG5



JMA

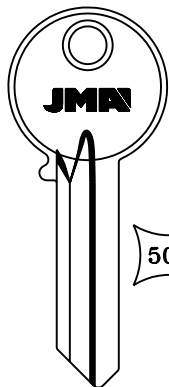
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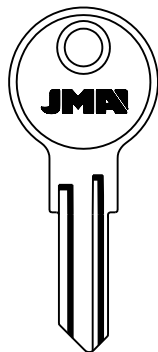
Atención: Concerniente a las
marcas y denominaciones comerciales ver nota en índice.

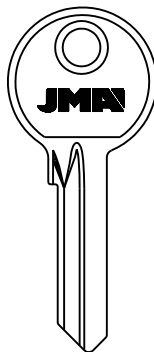
Attention: Concerning the marks
and commercial denominations
see note in index.

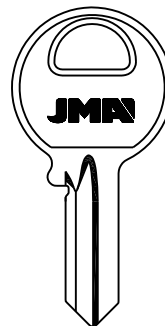
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

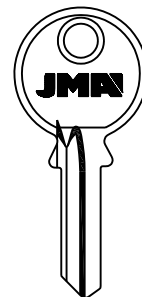
DIXON



DIX-1D


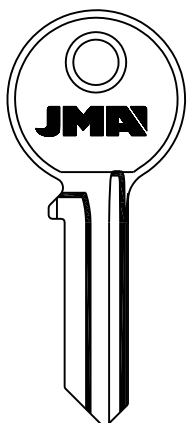
DIX-4


DIX-5D


DIX-6D


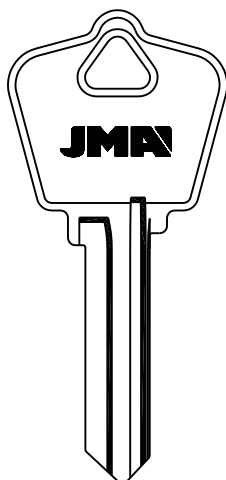
DIX-7D

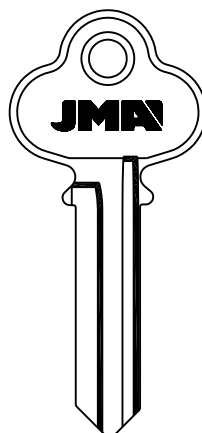
DOMINION LOCK



DOI-1
S54F

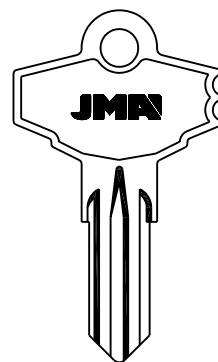
PETERBORO



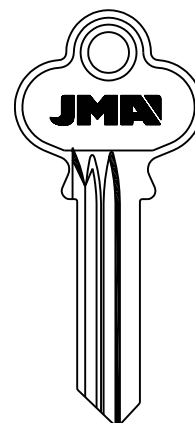
DOI-4
D06


DOI-5
P54F

CANADA POST



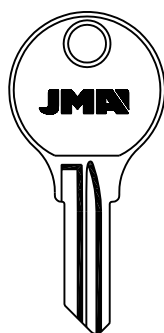
DOI-7
765

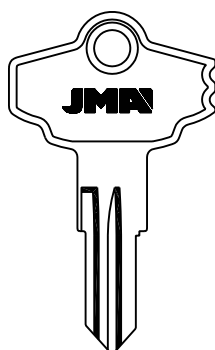
DOI-6
760


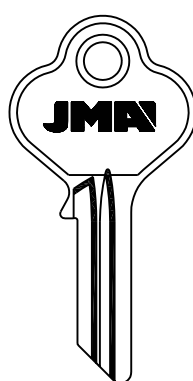
EAG-1D

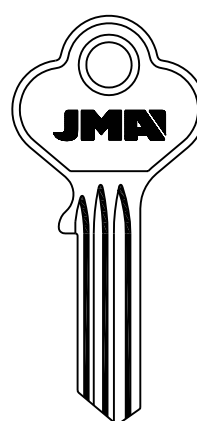
EAGLE

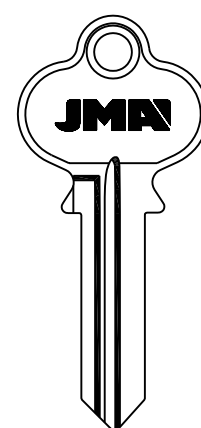
EAGLE



EAG-2D
01014S


EAG-4D


EAG-5D
EA13


EAG-6
EA1


EAR-1D
ER1

EARLE



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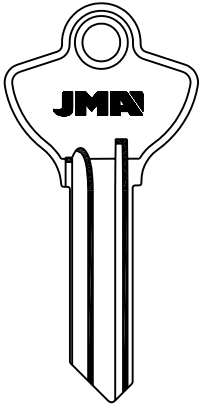
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
see note in index.

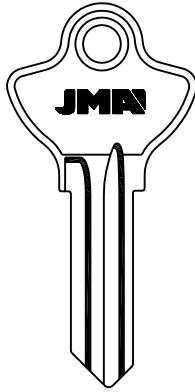
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

ELGIN

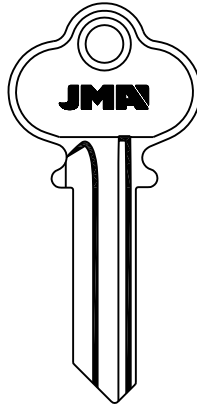
ESP



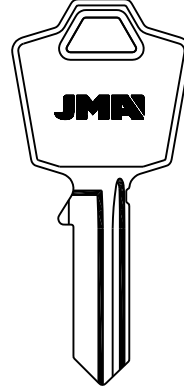
ELG-1
EL10



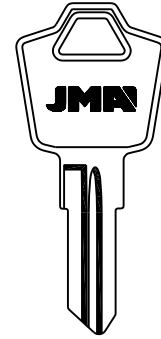
ELG-2
EL11



ELG-3
EL1



ESP-1
ES9

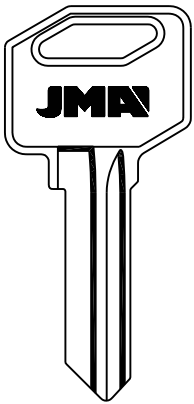


ESP-2D
1502

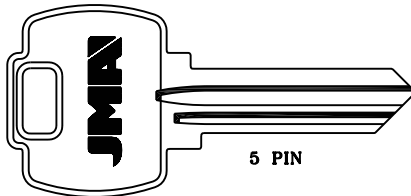
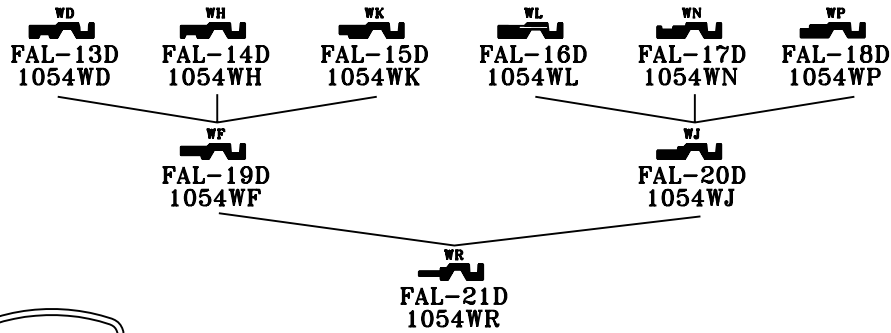
ESP-2D
1502M

EZ SET

FALCON

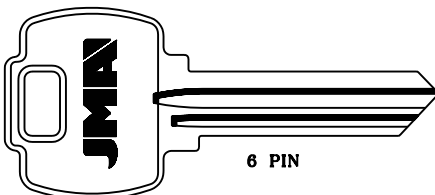
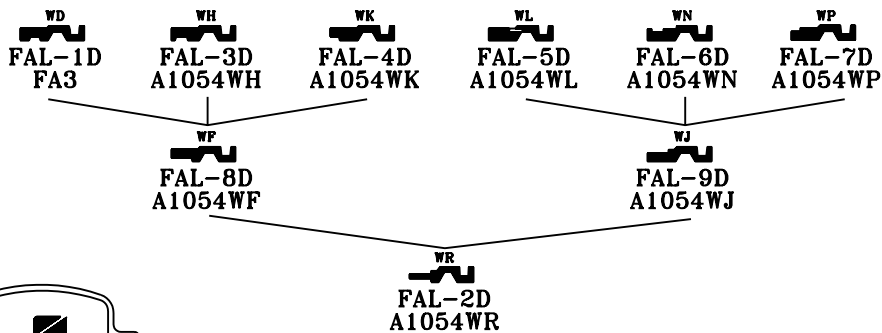


EZS-1
EZ2

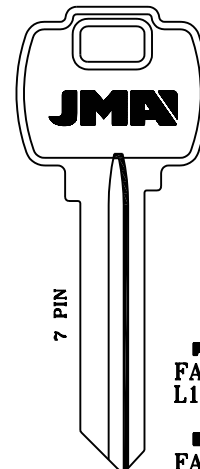


5 PIN

FALCON

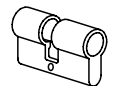


6 PIN



7 PIN

WH
FAL-12D
L1054WH
WD
FAL-11D
L1054WD
WC
FAL-10D
L1054WC



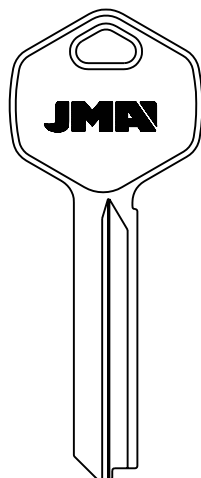
JMA
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ciales ver nota en índice.

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and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

FALCON



FAL-31D
FL10

FAL-28D
FL7

FAL-25D
FL4

FAL-22D
FL1

FAL-29D
FL8

FAL-26D
FL5

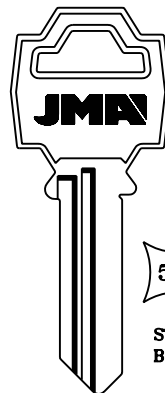
FAL-23D
FL2

FAL-30D
FL9

FAL-27D
FL6

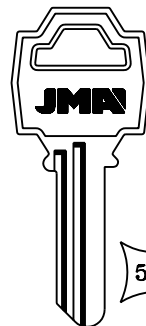
FAL-24D
FL3

FANAL



500

STEEL-ACERO
BRASS-LATON

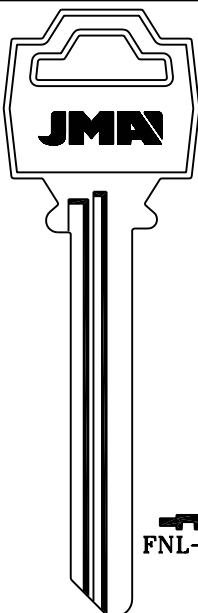


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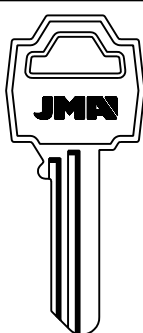
FNL-1D
R63

FNL-2D
R64

FANAL



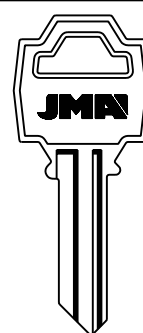
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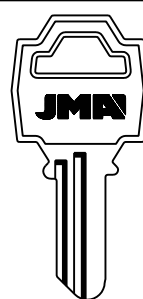
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FNL-5D

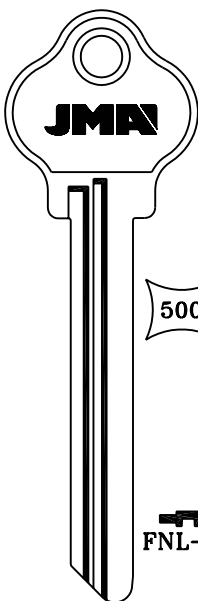


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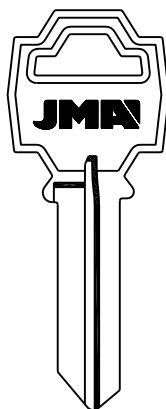
FNL-7D

FANAL



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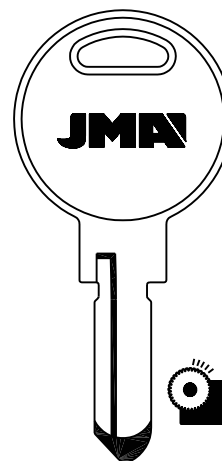
FNL-8D



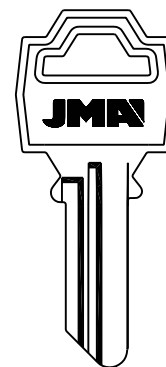
FNL-10D



FNL-11D



FNL-12



FNL-13D

MONT HARD

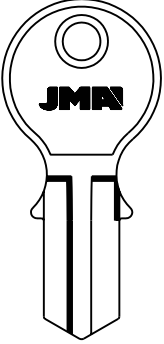
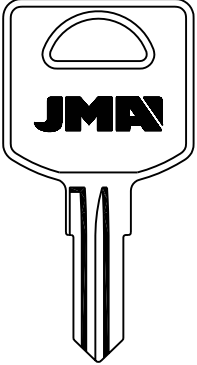
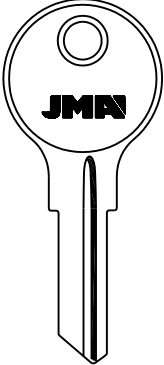
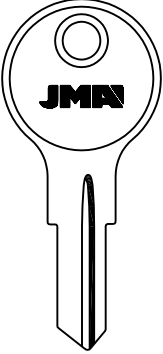
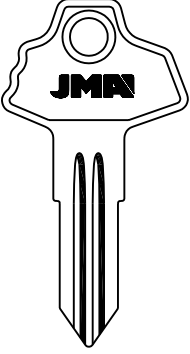








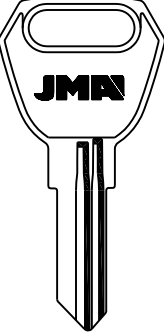
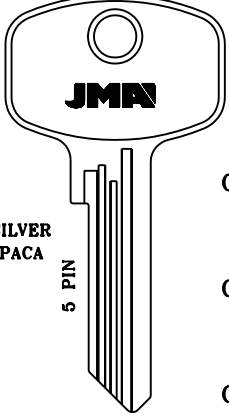
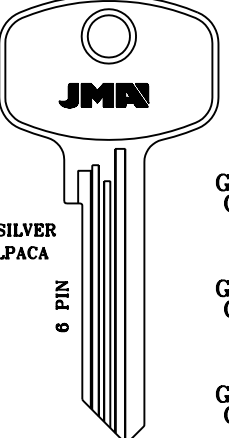



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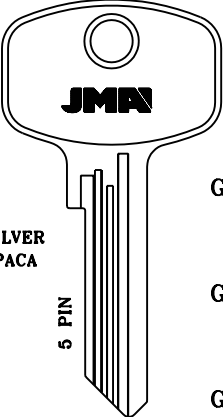
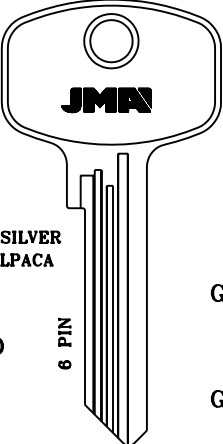
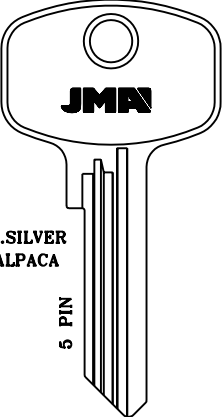
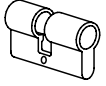
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

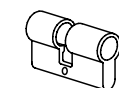
Attention: Concerning the marks
and commercial denominations
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Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

FEMSA	FIC LOCKS	FORT		
				
 FEM-4D	 FCS-1D FIC1	 FR-11D FR2	 FR-14D N54G  FR-12D FR3	 FR-13 775
		DOMINION LOCK		

FULTON HITCH	GENERAL			
				
 FLT-1 1645  FLT-1D 1645R	N.SILVER ALPACA 5 PIN GEN-4D G194 GEN-3D G193 GEN-2D G192 GEN-1D G191 GEN-5D G190B	N.SILVER ALPACA 6 PIN GEN-9D G194A GEN-8D G193A GEN-7D G192A GEN-6D G191A GEN-10D G190BA		

GENERAL				
				
N.SILVER ALPACA 5 PIN GEN-13D G197 GEN-12D G196 GEN-11D G195 GEN-1D G191 GEN-14D G190C	N.SILVER ALPACA 6 PIN GEN-16D G196A GEN-15D G195A GEN-6D G191A GEN-17D G190CA	N.SILVER ALPACA 5 PIN GEN-18D G190M		



JMA

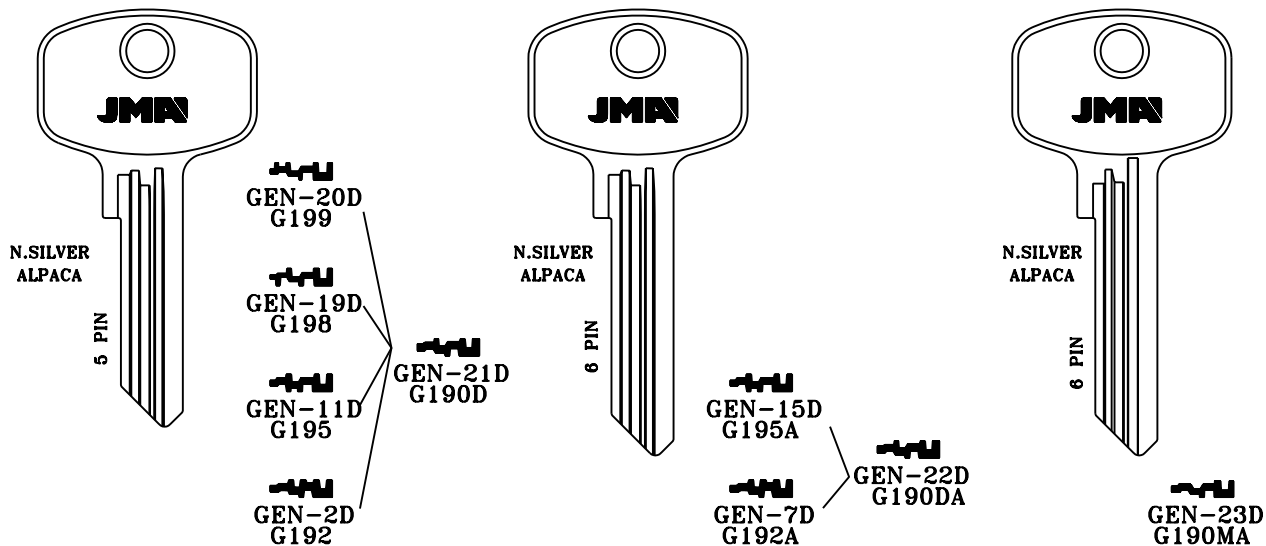
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ciales ver nota en índice.

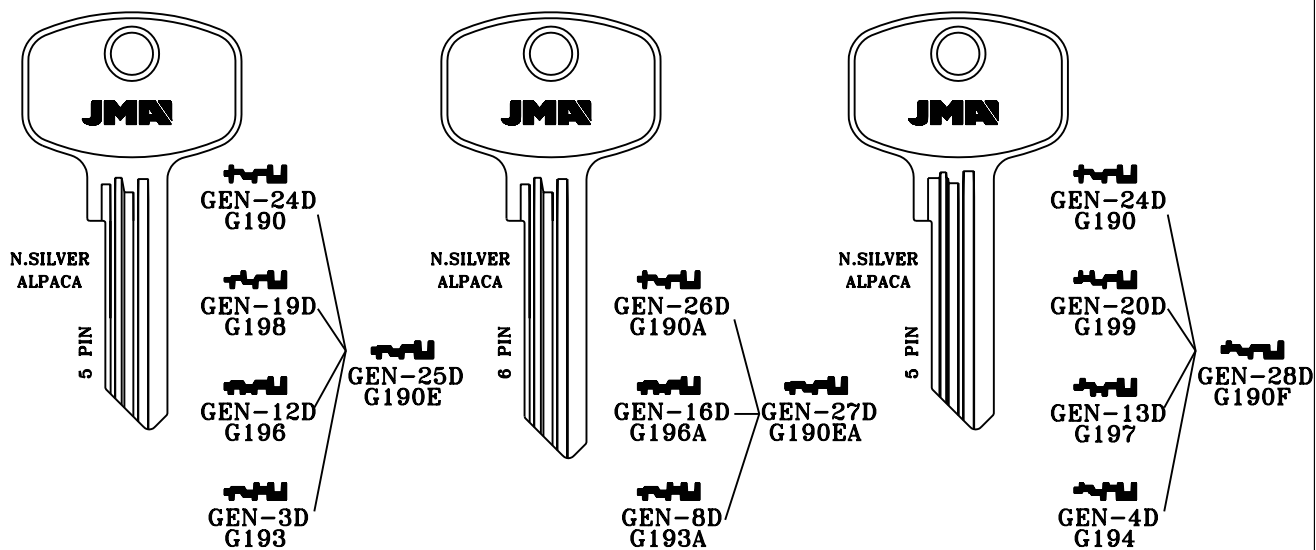
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

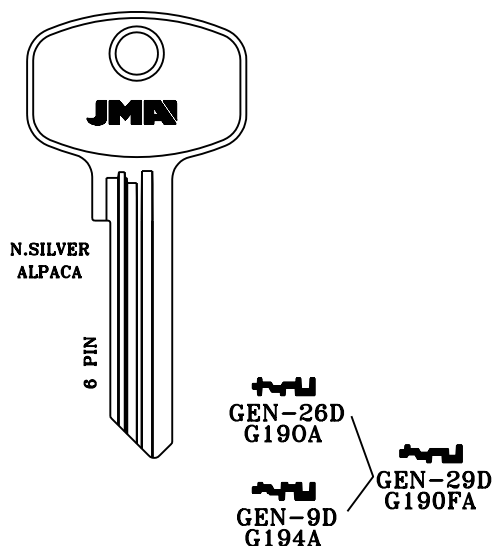
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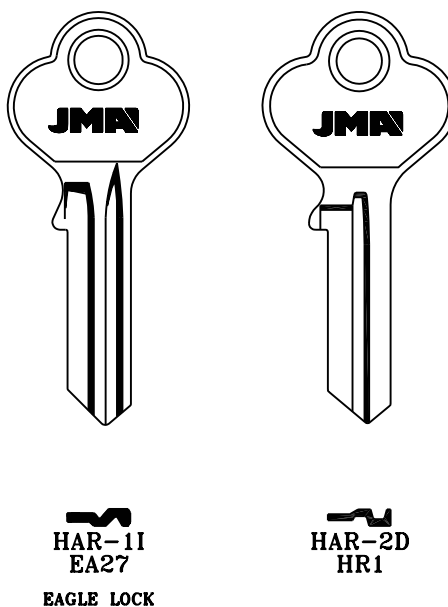
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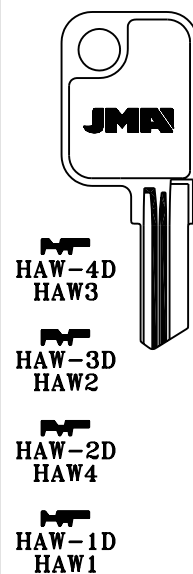
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HARLOC



HAYWORTH


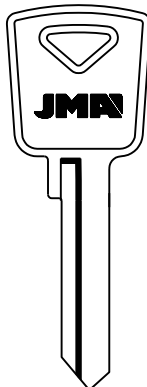
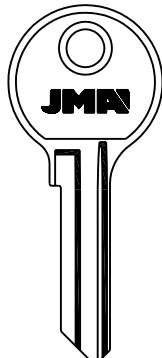
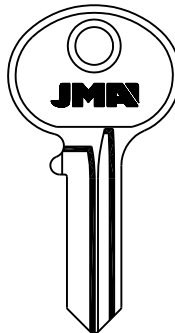
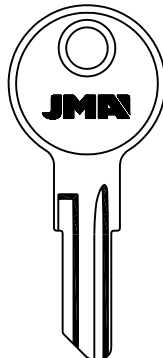
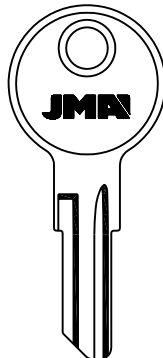






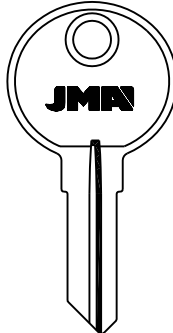
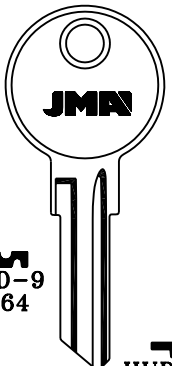
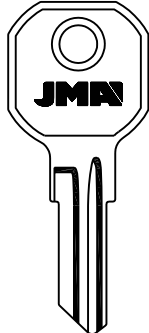
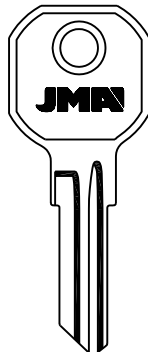
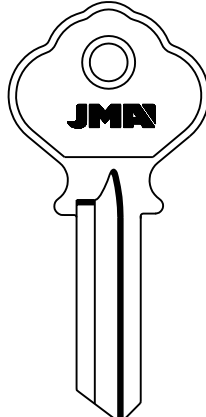









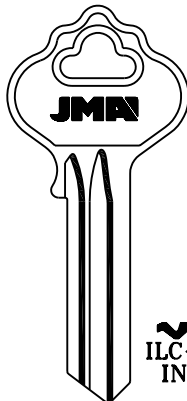
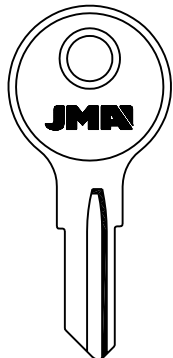
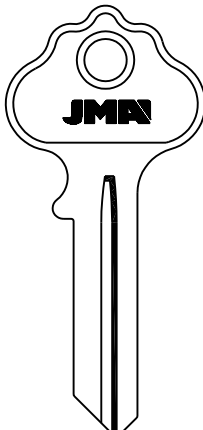
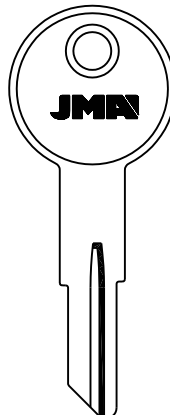
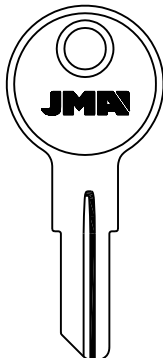









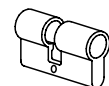
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HERD			HUDSON		
					
 HER-1	 HER-2D	 HER-3	 HUD-3 C0106	 HUD-3D B01	 HUD-4 1098X
			BOMMER-CCL		
HUDSON		HURD		ILCO	
					
 HUD-9 1564	 HUD-8D 1563	 HRD-1 1574R	 HRD-1D 1574	 HRD-2 1536R	 HRD-2D 1536
 HUD-7 1562	 HUD-6 1561			ILC-1D 1054K	
 HUD-5D R01					
NATIONAL CABINET	BRIGGS & STRATTON		GAS		
ILCO					
					
 ILC-8D IN35	 ILC-5D IN28	 ILC-4D IN3	 ILC-6D IN4	 ILC-7D IN8	
 ILC-2D IN33	 ILC-3 IN29			ADAMS RITE-RAD DOMINION LOCK	



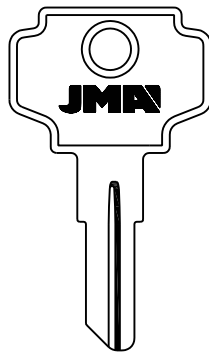
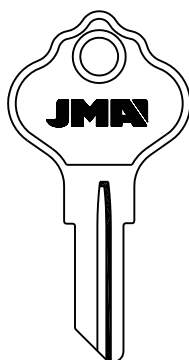
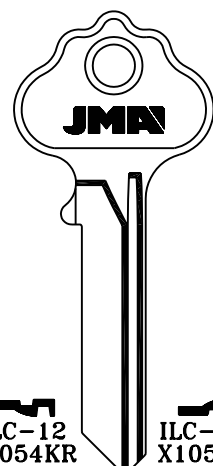
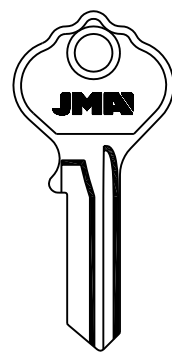
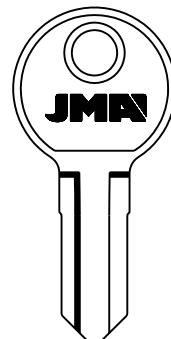


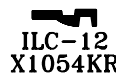

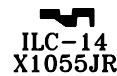
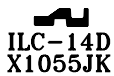



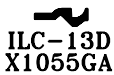

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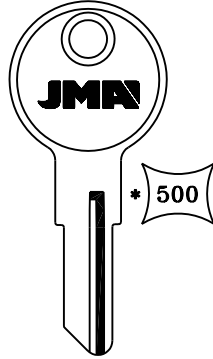
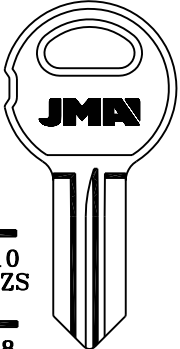
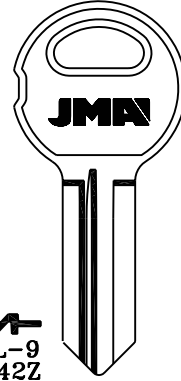
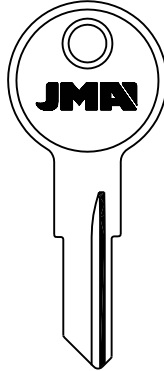
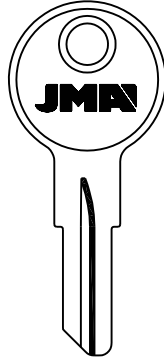












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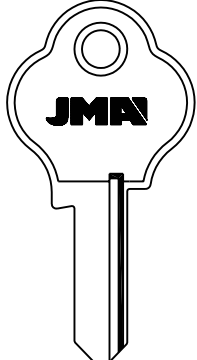
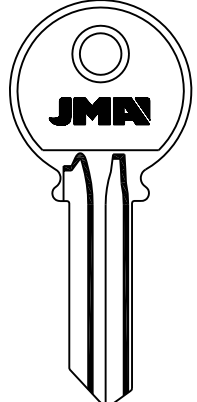
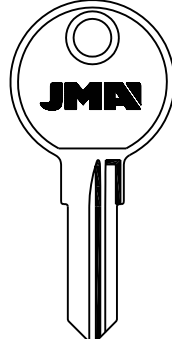
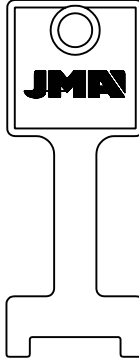
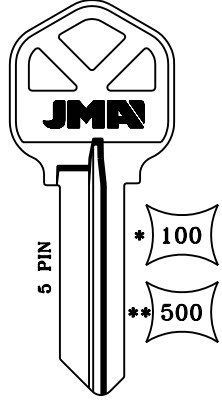






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ILCO					ILLINOIS	
						
 ILC-9D IN24 BARGMAN	 ILC-10D EL8	 ILC-12 X1054KR	 ILC-12D X1054KF	 ILC-14 X1055JR	 ILC-14D X1055JK	
		 ILC-11 X1054LR	 ILC-11D X1054LF	 ILC-13 X1055GB	 ILC-13D X1055GA	 ILL-1 IL1

ILLINOIS				
				
 ILL-2 1043C	 ILL-3 S1042Z	 ILL-5 1042A	 ILL-7 1043D	 ILL-11D 1043E
MISC. SWITCHES				
 ILL-10 S1042ZS	 ILL-8 S1042ZP	 ILL-9 1042Z		 ILL-12 1043G
 ILL-4 S1042ZM		 ILL-6 1042B		
 *ILL-2D IL9				

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 IMP-1 1528R	 KEI-2 K2	 KMB-1 KB1	 KIB-1	 *KWI-1K **KWI-1K KW1
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				DONNER - PETCO



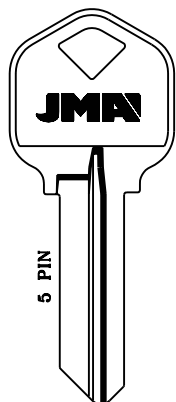
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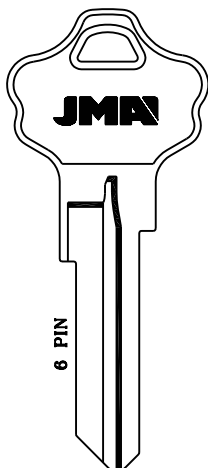
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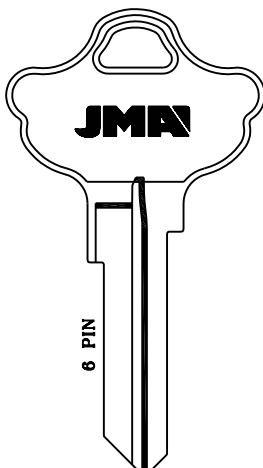
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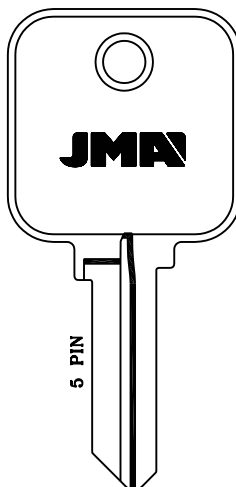
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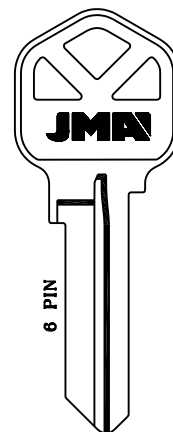
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KW10



KWI-3D
KW9



KWI-4D
HANPKW1

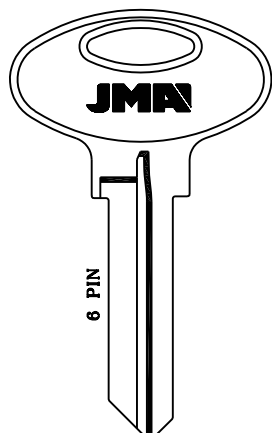


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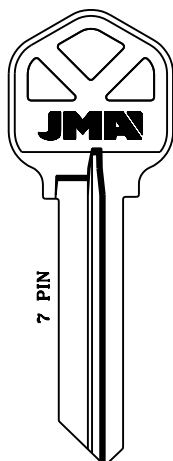
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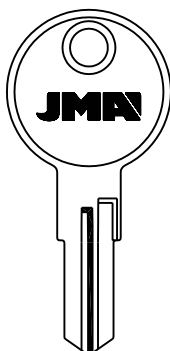
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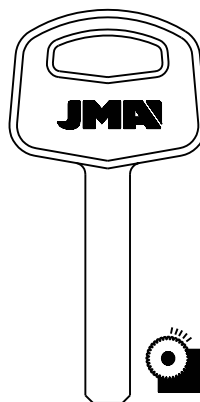


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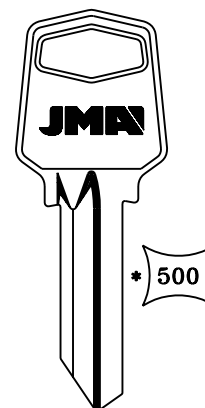


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LD2

LRD-1D
LD1

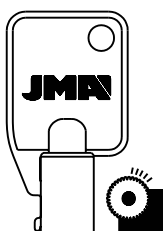


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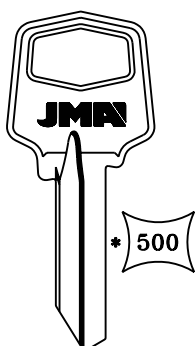


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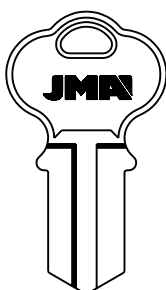
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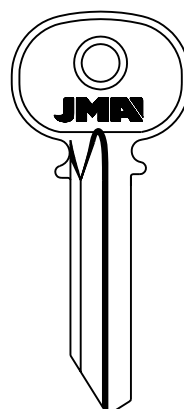
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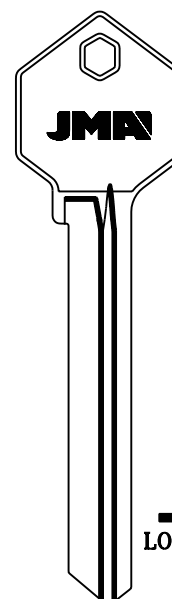
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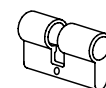
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LOC-4D



LOC-5D



JMA

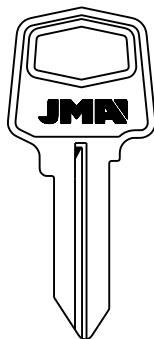
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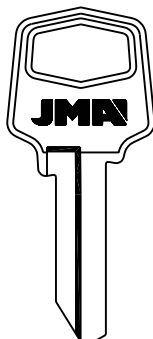
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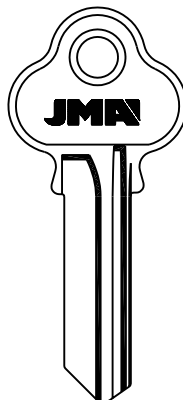
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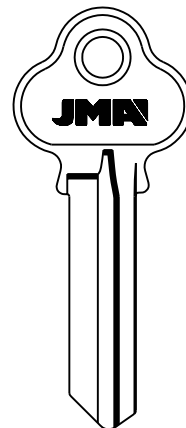
LOC-6D


LOC-7D

LOCKWOOD



LWO-1

LWO-1D
1004K


LWO-2D

LOCKWOOD

N.SILVER
ALPACA

6 PIN

LWO-3D
A1015M

LWO-20D
A1015X

LWO-18D
A1015V

LWO-16D
A1015T

LWO-14D
A1015R

LWO-12D
A1015P

LWO-10D
A1015L

LWO-21D
A1015Y

LWO-19D
A1015W

LWO-17D
A1015U

LWO-15D
A1015S

LWO-13D
A1015Q

LWO-11D
A1015N
N.SILVER
ALPACA

6 PIN

LWO-3
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LWO-20
A1015XR

LWO-18
A1015VR

LWO-16
A1015TR

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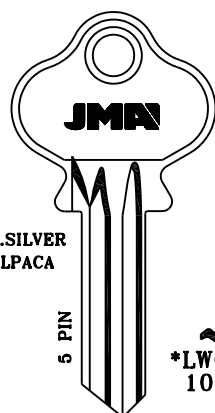
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LWO-11
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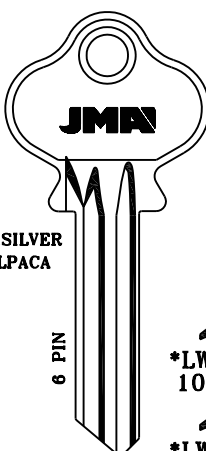
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ALPACA

5 PIN

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1004XM

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1004AX

LWO-4
1004R

LWO-4D
L1
*N.SILVER
ALPACA

6 PIN

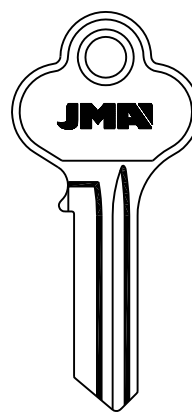
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LWO-5
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LWO-5D
L4

LORI



LOR-1
L01
N.SILVER
ALPACA

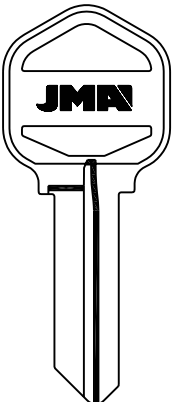
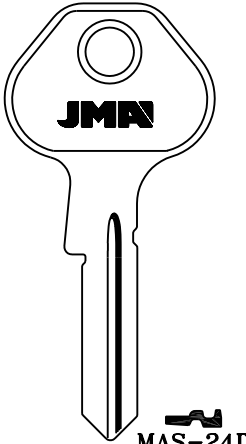
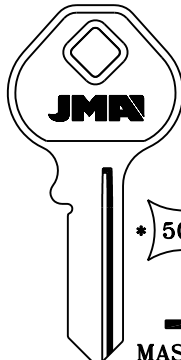
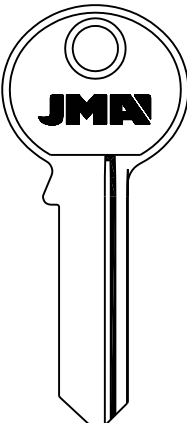
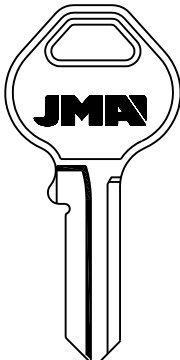





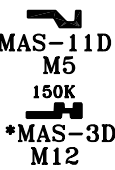


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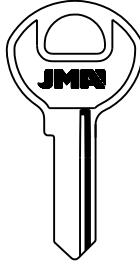
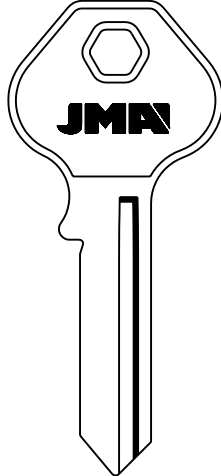
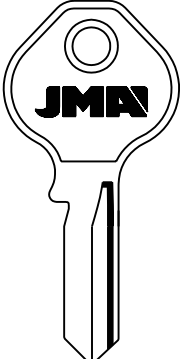
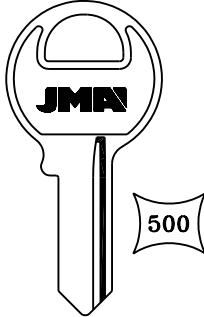
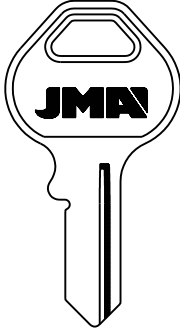






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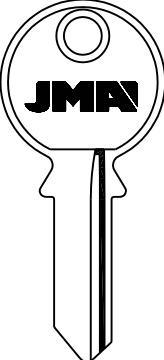
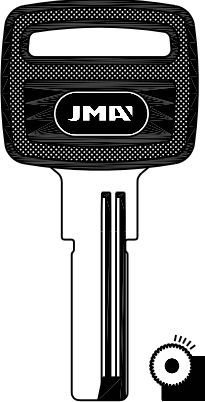

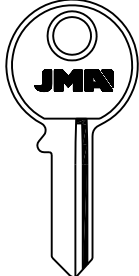
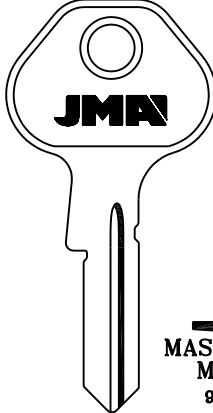





Atención: Concerniente a las
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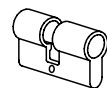
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

LSDA	MASTER			
				
				
				

MASTER				
				
				
MAS-7 M2	MAS-8 M14	MAS-9 M10	MAS-10 M1	MAS-13D M13

MASTER				
				
				
MAS-14	MAS-15.P	MAS-16D MD17	MAS-17 MAS-17D	MAS-25D M25 900 MAS-19 M19 6000 MAS-18D M20



JMA

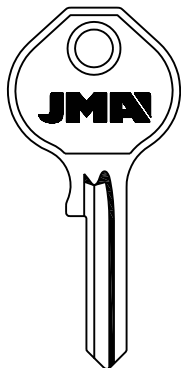
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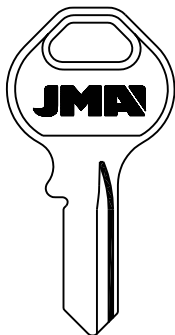
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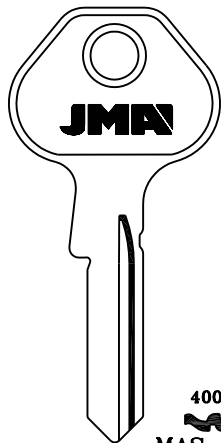
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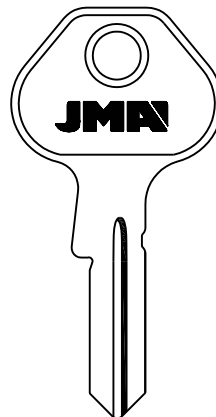
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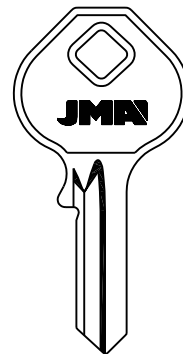
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MAS-27D



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MAS-29D



MAS-31D
M18

MAS-21D
M17

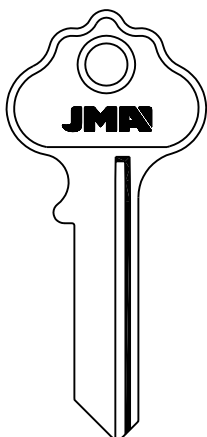
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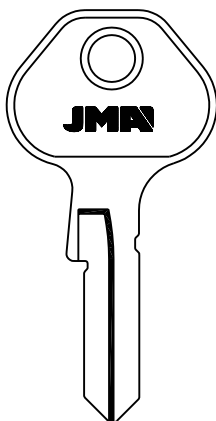
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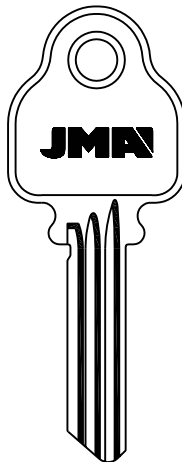
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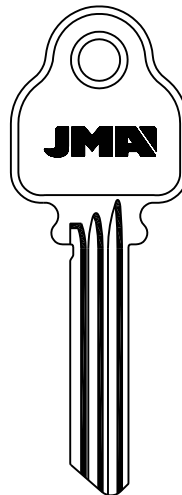
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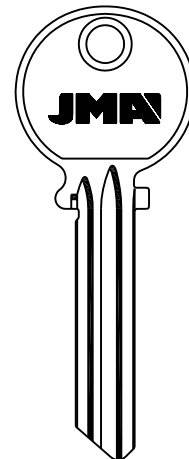
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MDC-2
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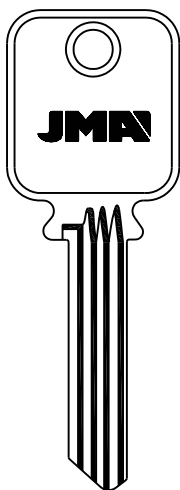
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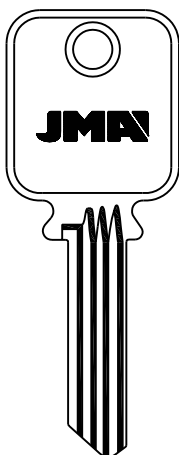
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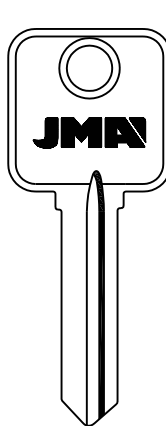
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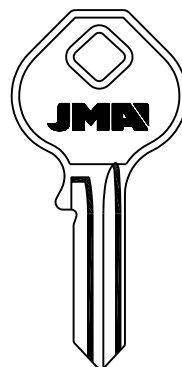
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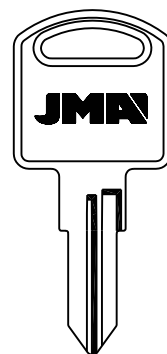
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MTR-1D
MR1



MCP-1
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MZ-1



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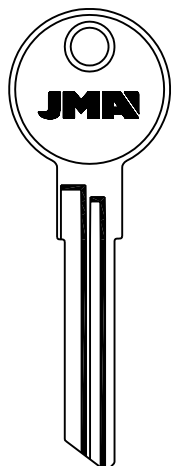
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

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NATIONAL CASH REGISTER

NATIONAL CABINET



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NCR-7
1083R

NCR-5D
1083N

NCR-3
1083L

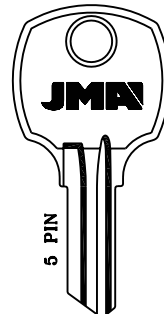
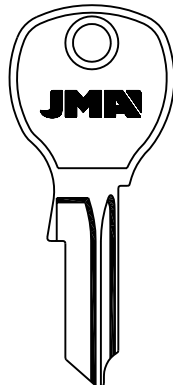
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NCR-2D
1083K



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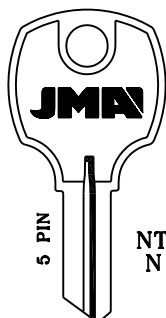
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NATIONAL CABINET



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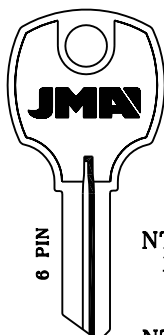
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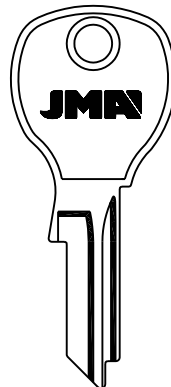


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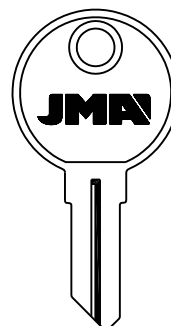
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NTC-14D
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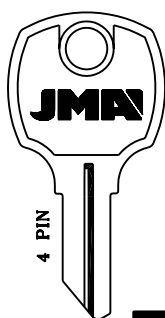
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NATIONAL CABINET

NATIONAL LOCK

NATIONAL ROCKFORD

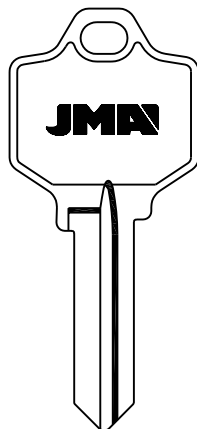
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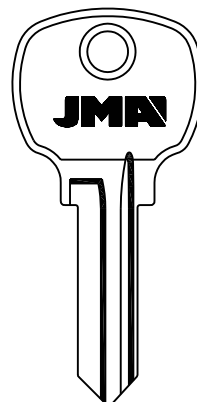
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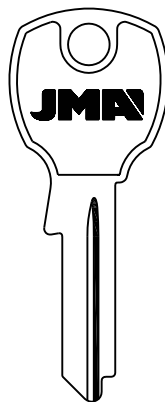


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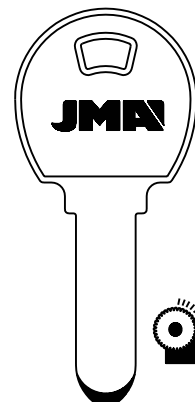
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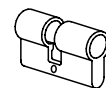


NTR-2D
NA12

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NA24



7.90
1.95
BKY-1



JMA

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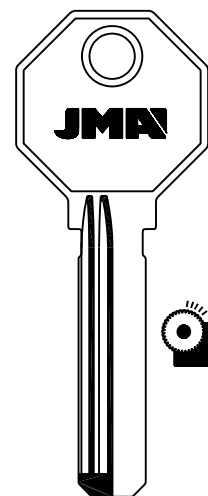
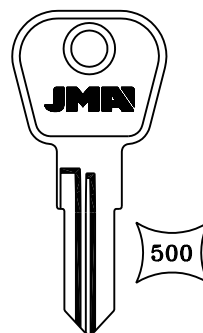
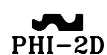
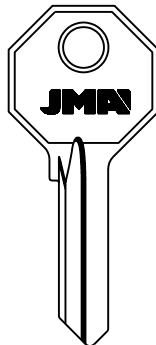
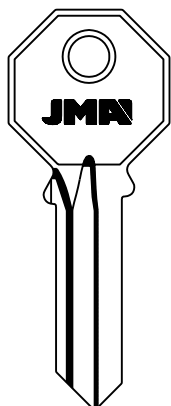
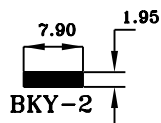
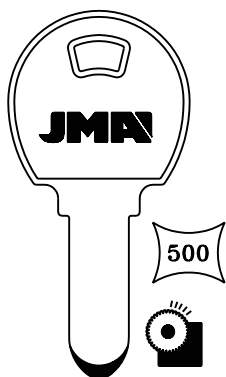
Atención: Concerniente a las
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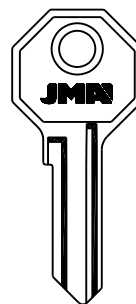
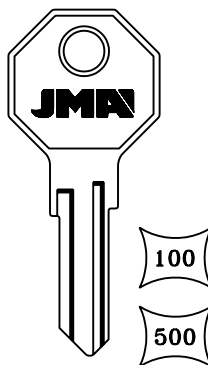
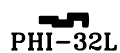
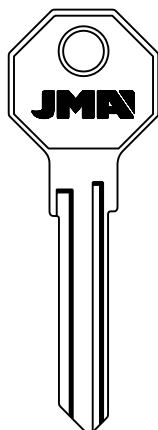
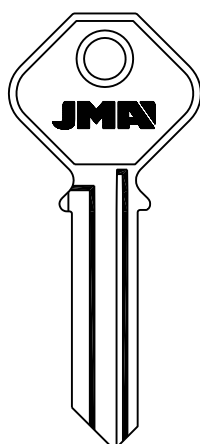
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NATIONAL ROCKFORD

PHILLIPS

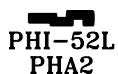
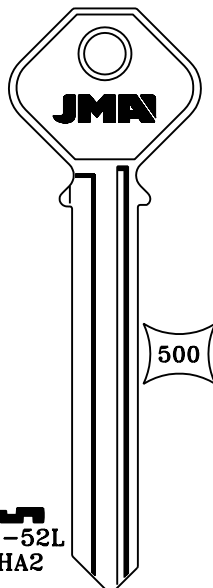


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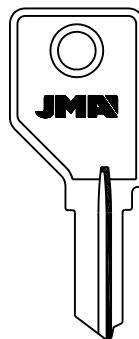
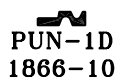
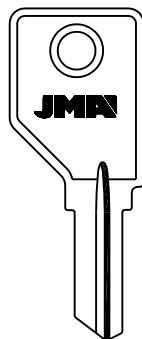


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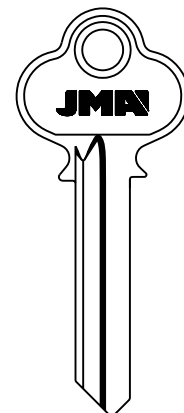
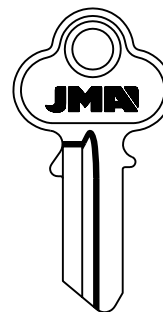
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PUNDRA



RONE



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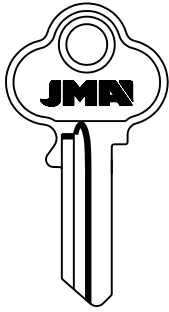
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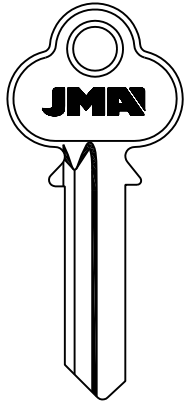
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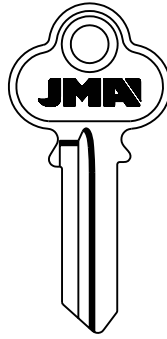
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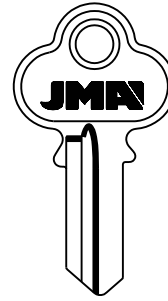
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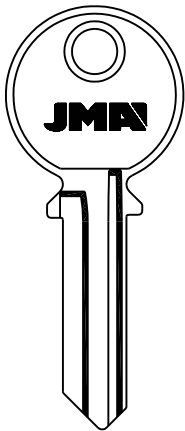


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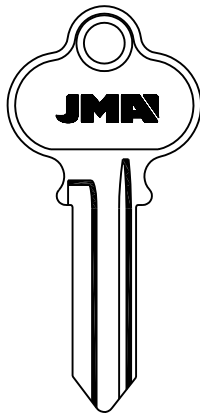
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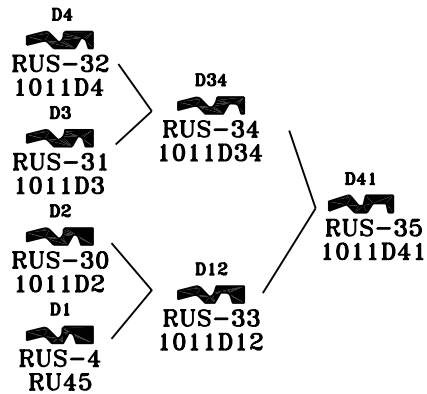
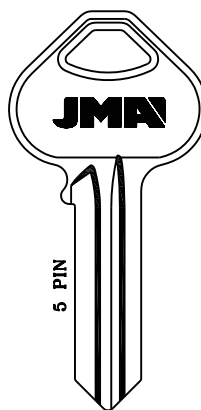
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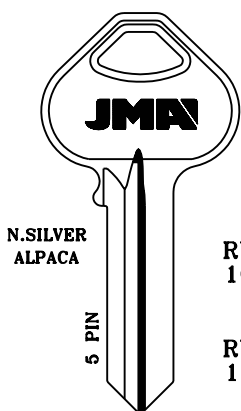
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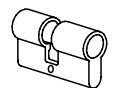
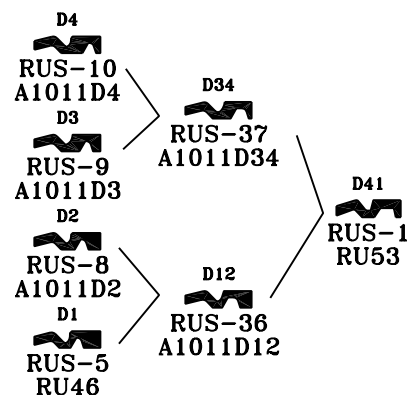
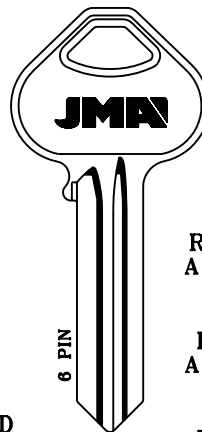
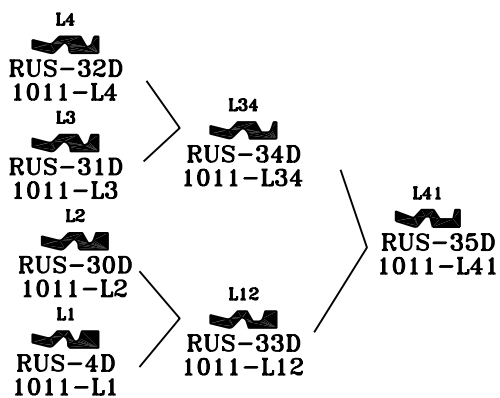
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RU4



RUSSWIN



N.SILVER
ALPACA



JMA

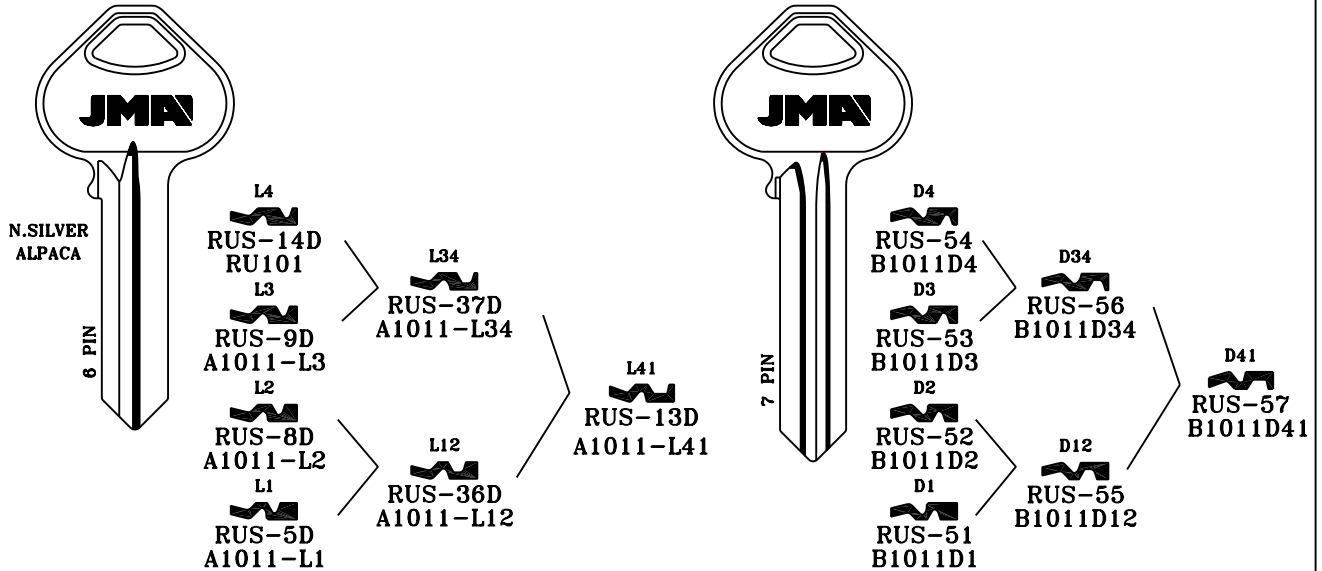
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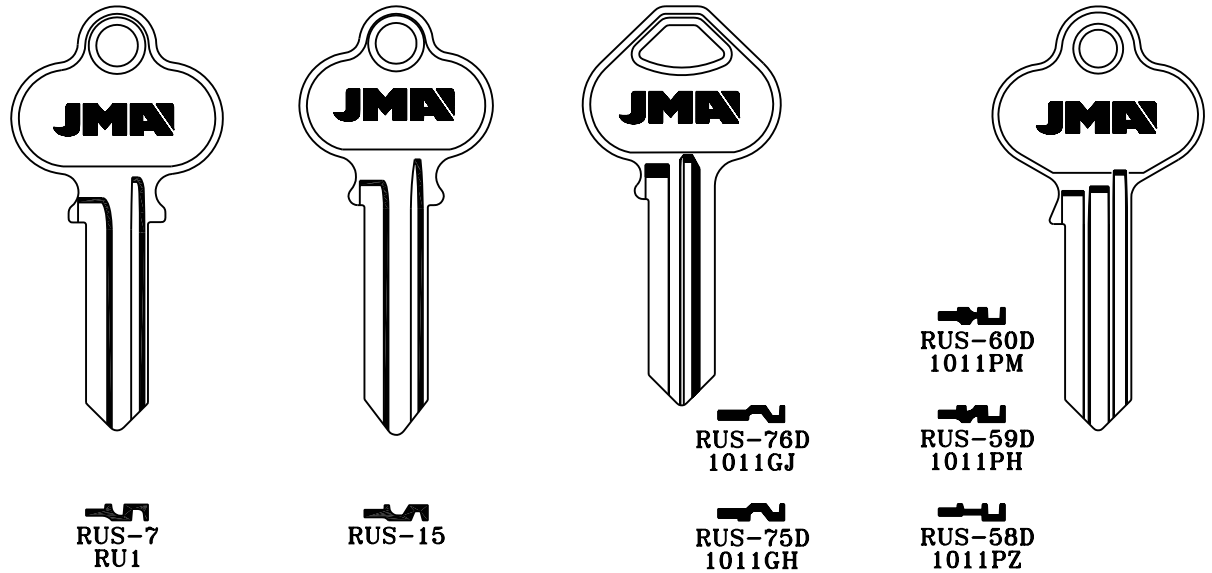
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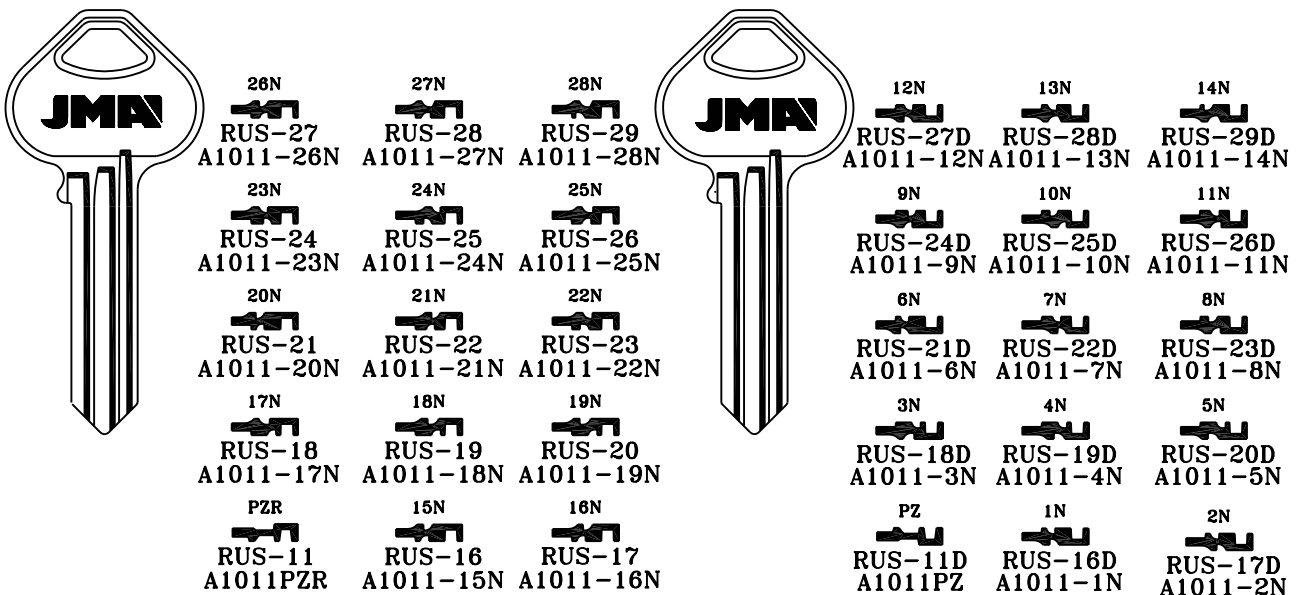
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RUSSWIN



RUSSWIN



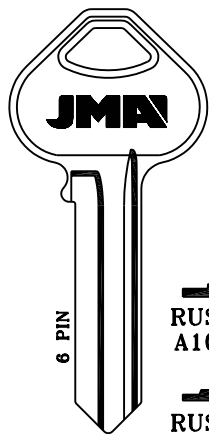
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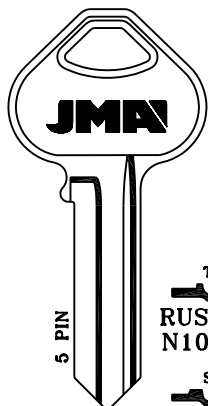
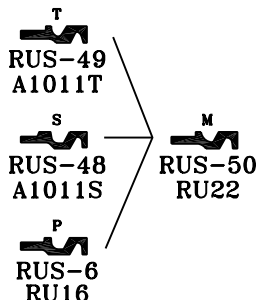
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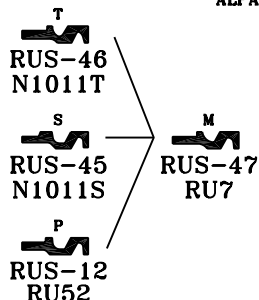
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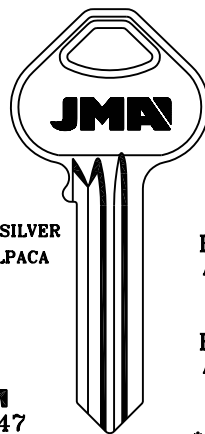
6 PIN



5 PIN

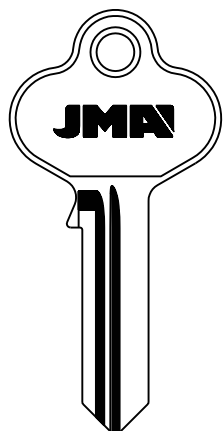


*N.SILVER
ALPACA



NORTHCYL

RUSSWIN



RUS-73D
1011K13

RUS-70D
1011K10

RUS-67D
1011K7

RUS-64D
1011K4

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1011K1

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1011K5

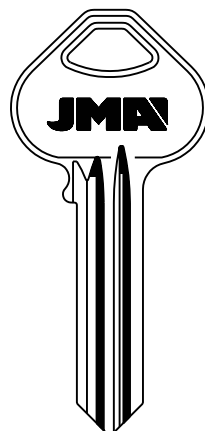
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RUS-72D
1011K12

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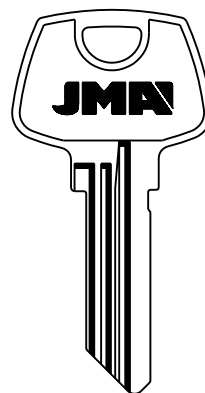
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RUS-63D
1011K3



RUS-74D
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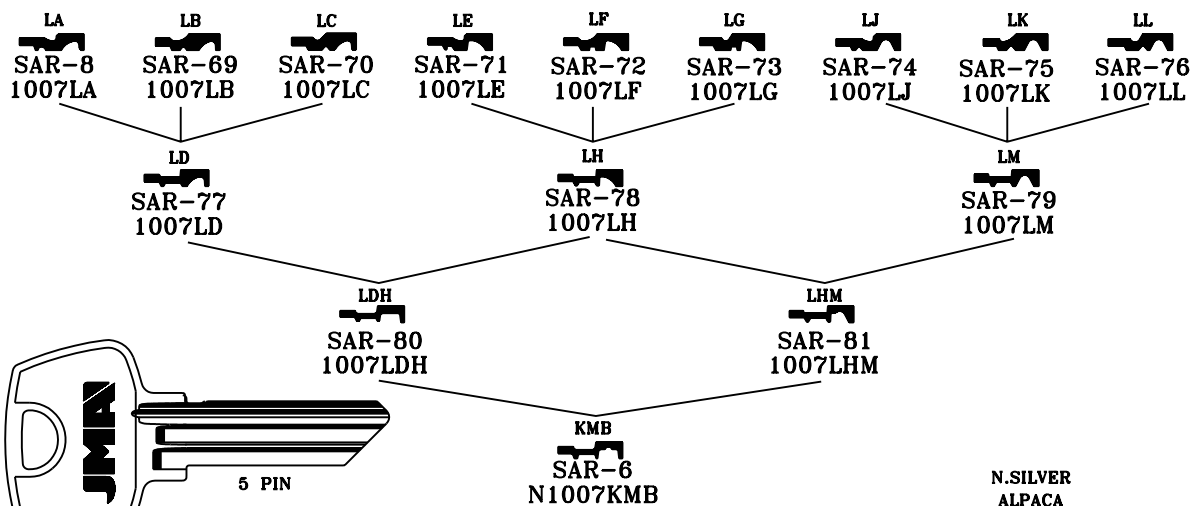
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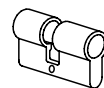
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SAR-2D
S68

SARGENT



N.SILVER
ALPACA



JMA

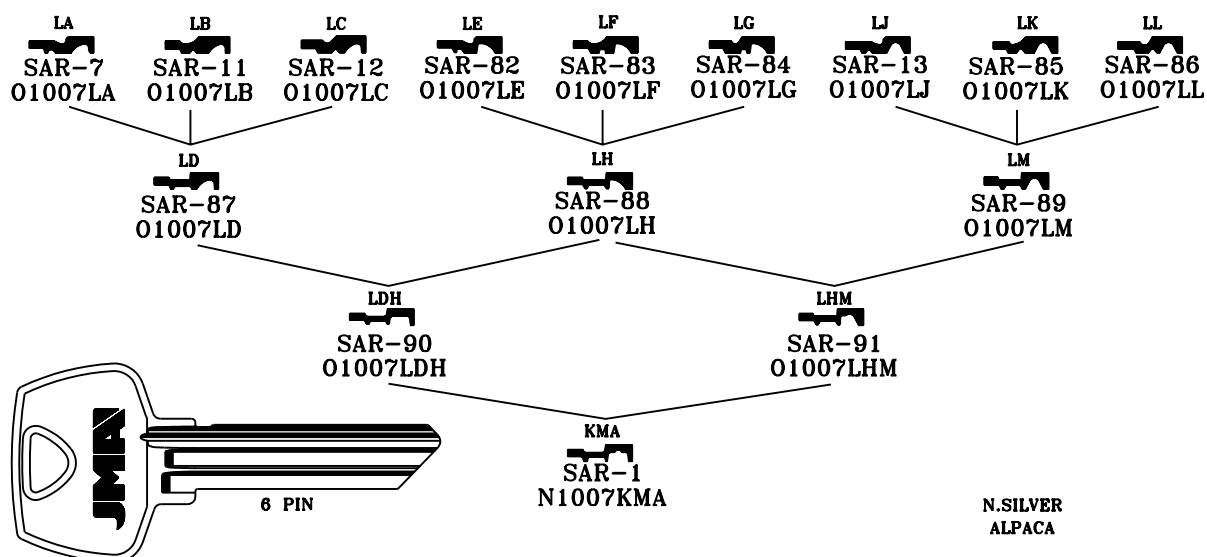
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marcas y denominaciones comer-
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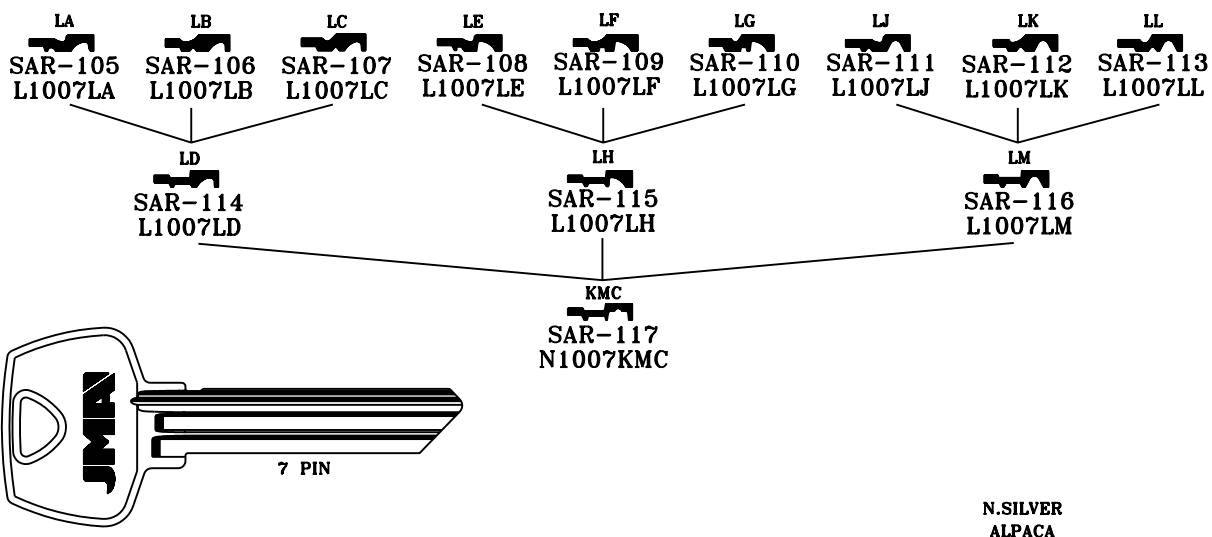
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

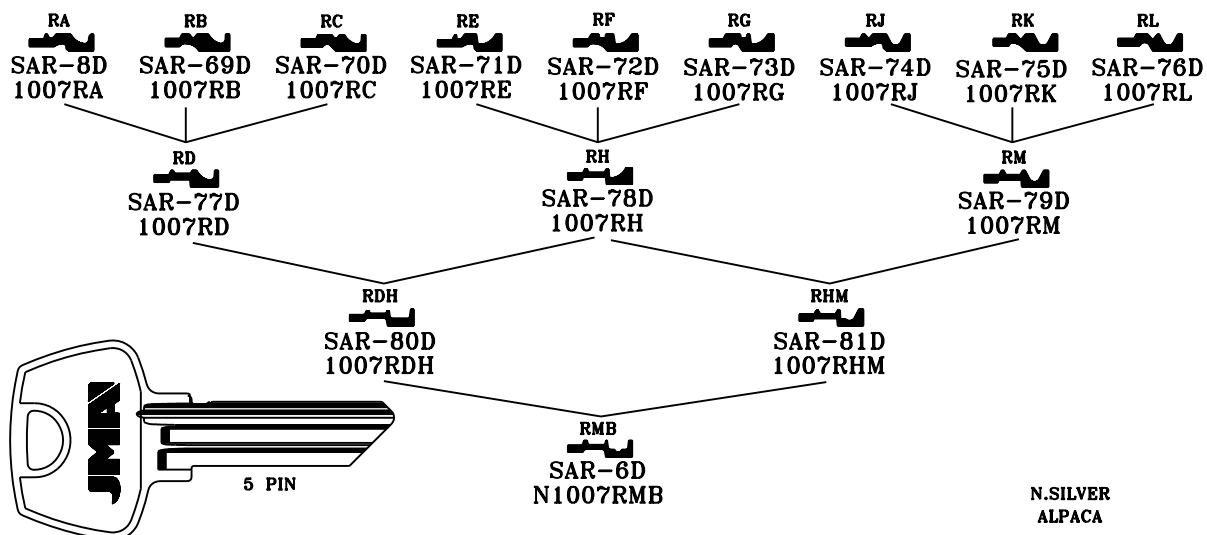
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SARGENT



SARGENT



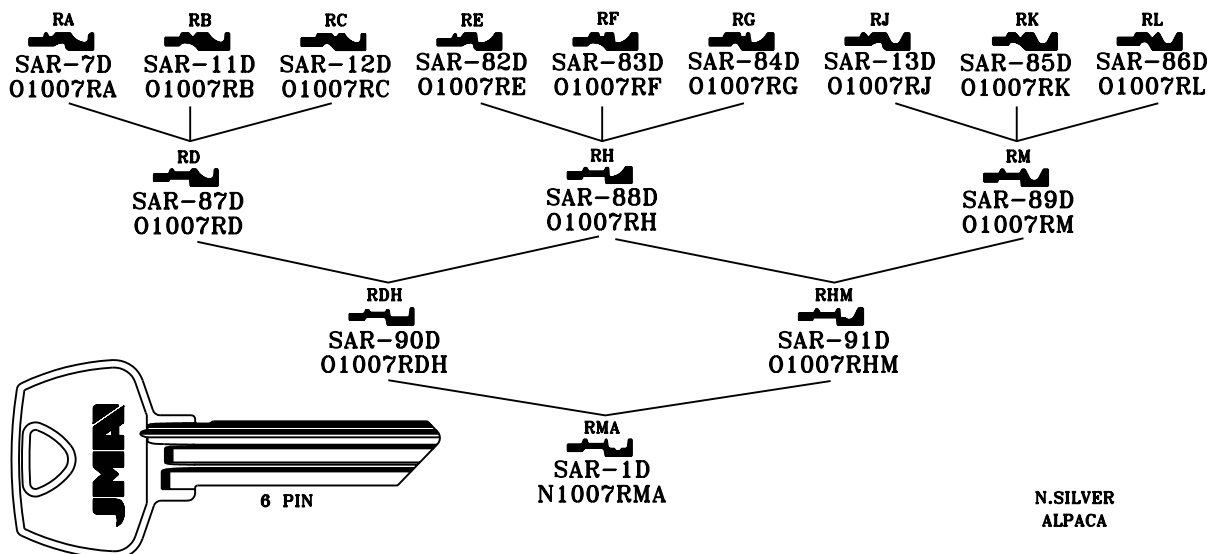
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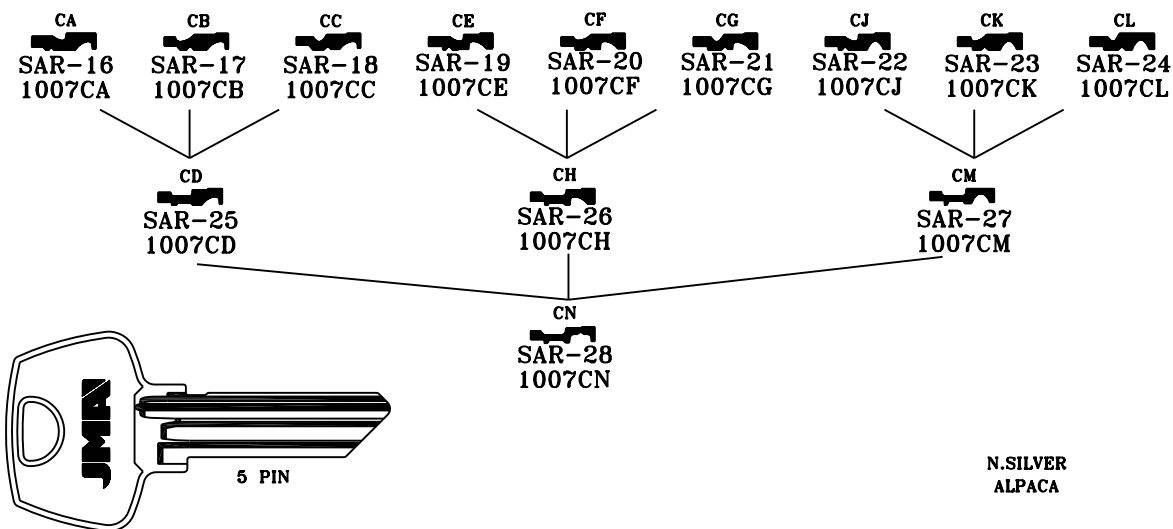
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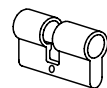
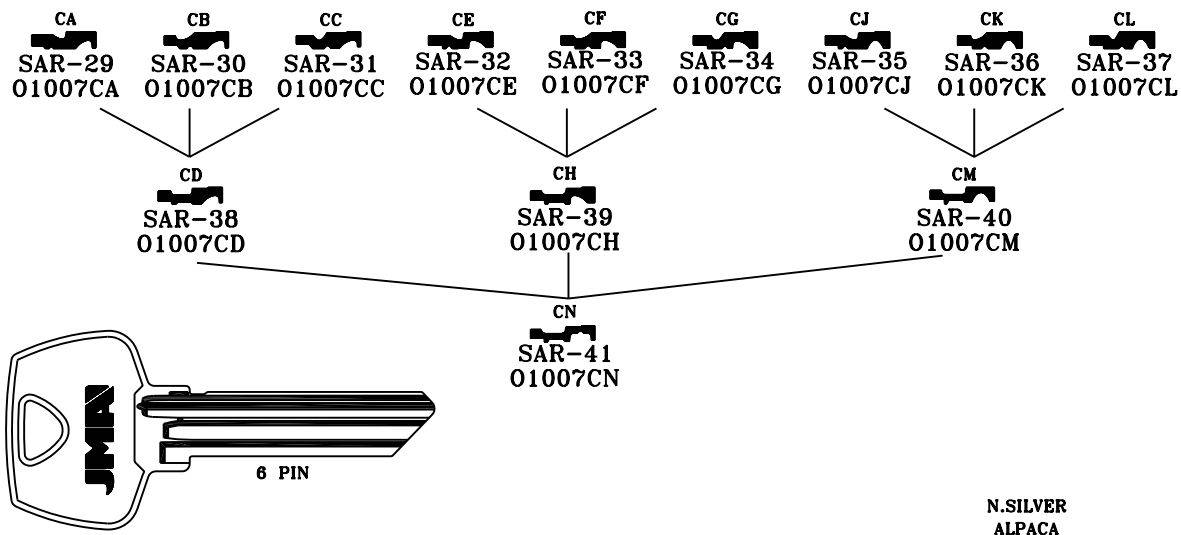
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SARGENT



SARGENT



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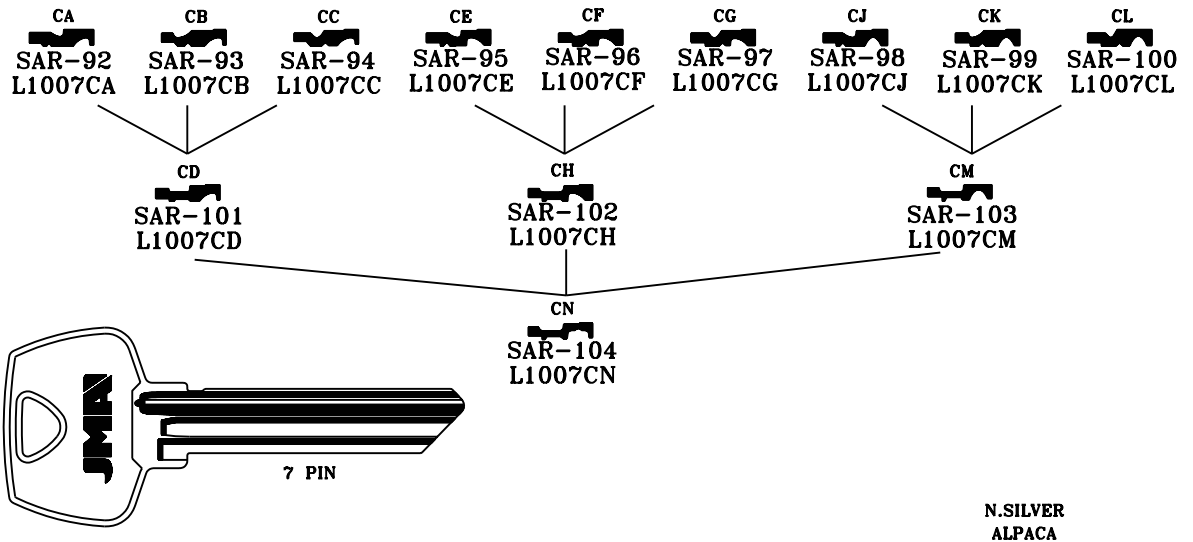
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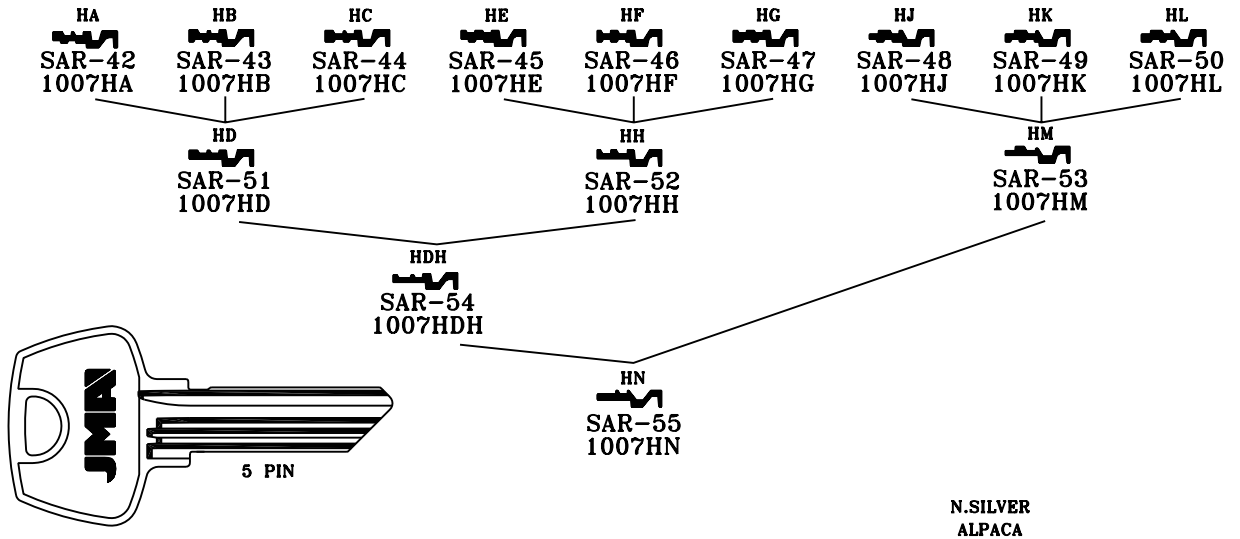
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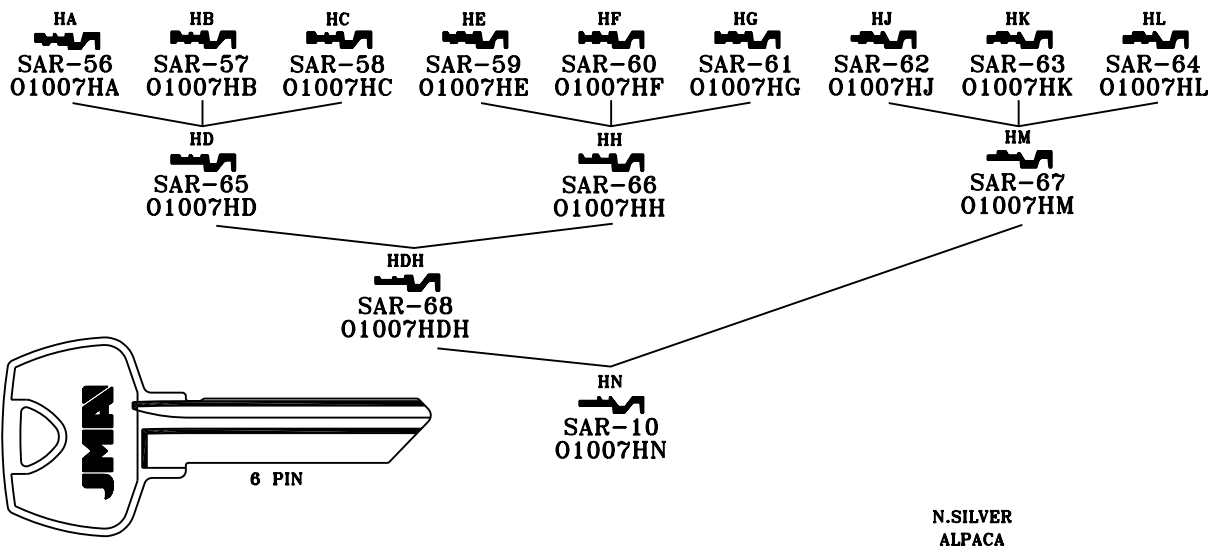
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SARGENT



SARGENT



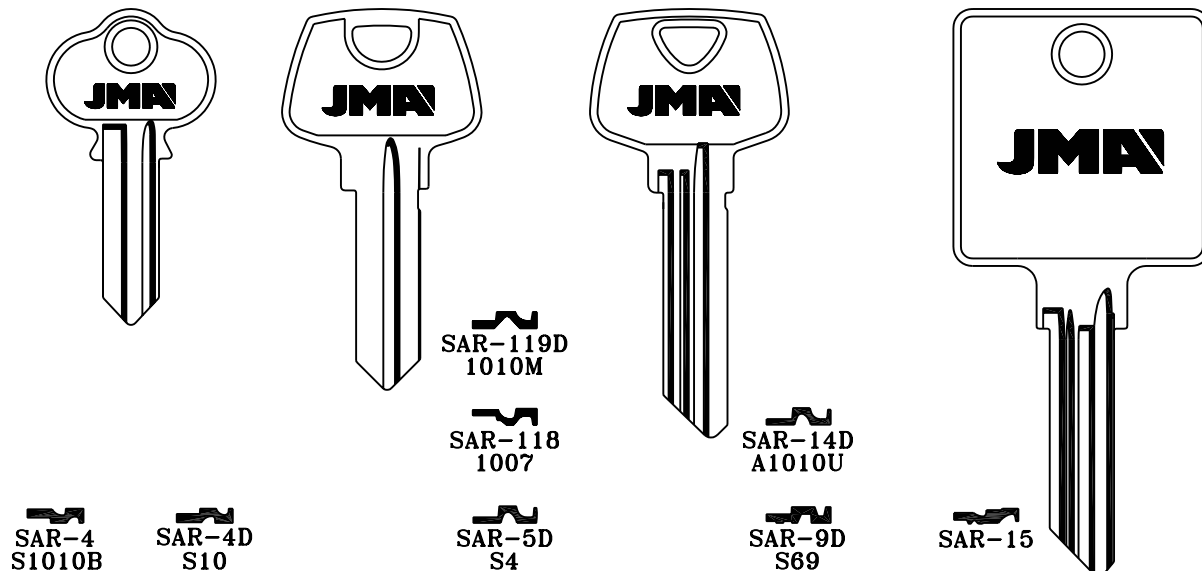
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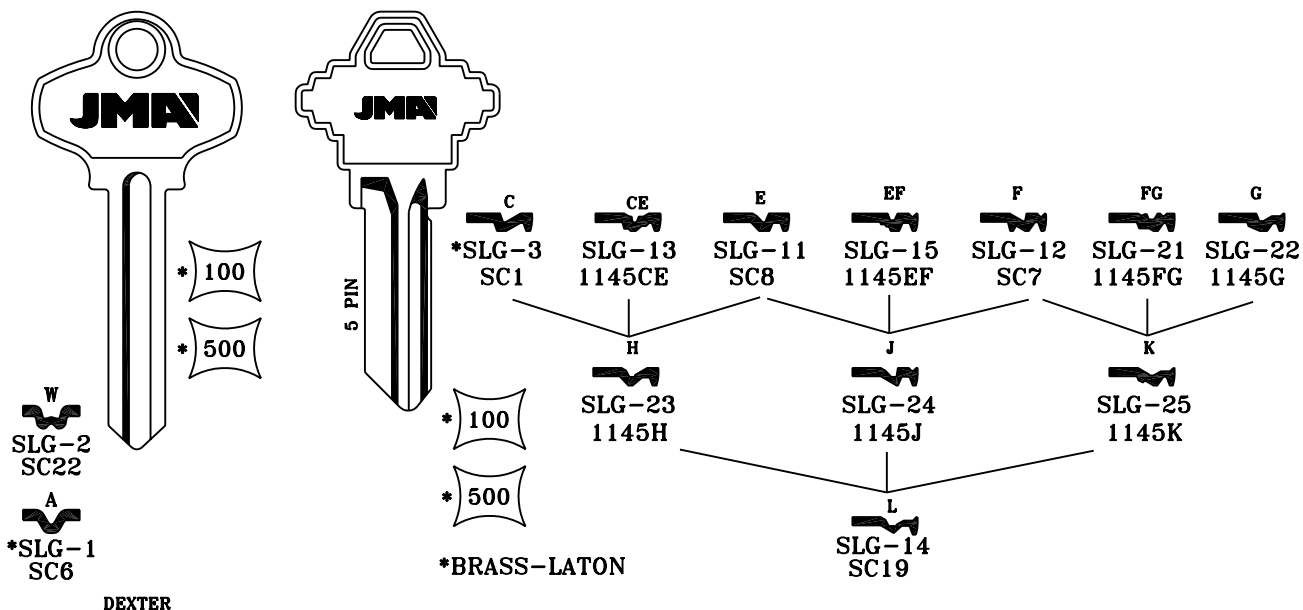
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and commercial denominations
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commerciales voir la note dans
l'index.

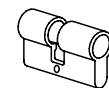
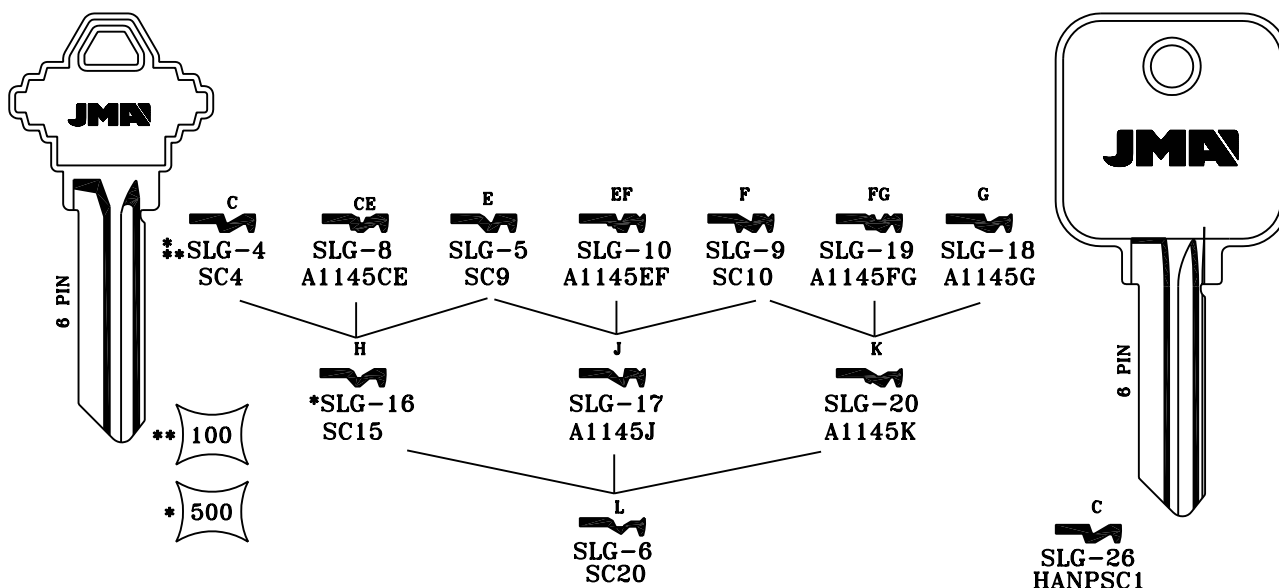
SARGENT



SCHLAGE



SCHLAGE





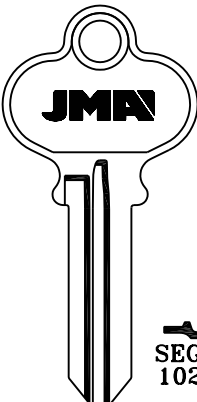



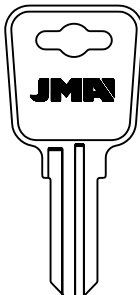
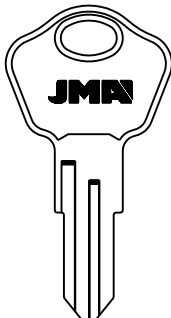













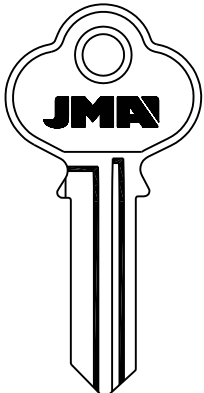

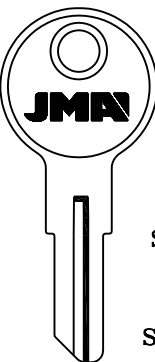




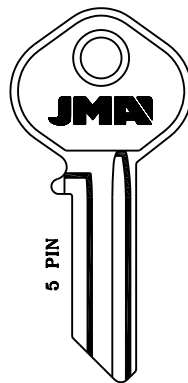






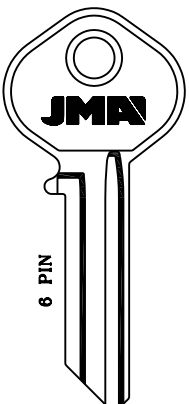
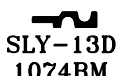





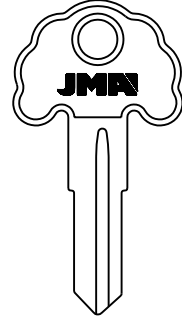

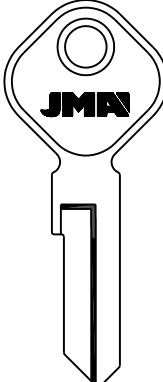

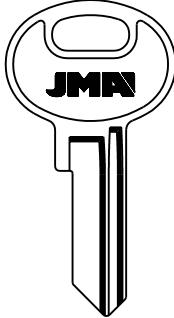

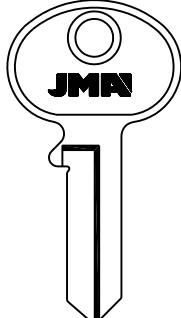

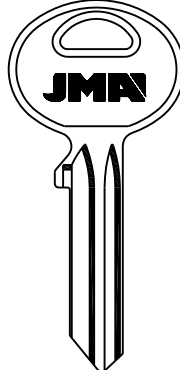

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SCHLAGE			SEGAL	SENTRY SAFE				
 N.SILVER ALPACA	 SLG-40 SC1468		  SEG-3 1022L  SEG-2D SE2  SEG-1D SE1 HUDSON-READING					
	 SLG-38 SC1460	 SLG-39 SC1467						
	 SLG-36 SC1400	 SLG-37 SC1456						
	 SLG-34 SC1348	 SLG-35 SC1368						
	 SLG-32 SC1345	 SLG-33 SC1347						
	 SLG-29 SC1246	 SLG-30 SC1247		 SLG-31 SC1248	 SEN-1D SS5	 SEN-2D SS4		
SKILLMAN	SLAYMAKER							
  SKI-1D SK1	  SLY-16 1120H  SLY-15D 1120G  SLY-14 SL20  SLY-1D SL1 GREENLEAF	 5 PIN  SLY-7D 1074B  SLY-6 1074N  SLY-5 1074G  SLY-4D 1074F  SLY-3 1074E  SLY-2 S1073DF	 6 PIN  SLY-13D 1074BM  SLY-12D A1074B  SLY-11 A1074G  SLY-10D A1074F  SLY-9 A1074E  SLY-8 1073DF					
				SOUTHERN IMPERIAL	STAR			SUN
				  SOU-1D 1624	  STA-1D	  STA-2	  STA-6D	  SUN-1 1636



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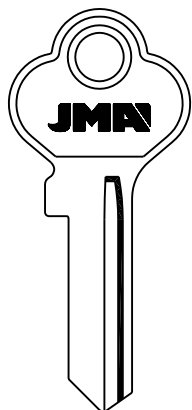
Atención: Concerniente a las
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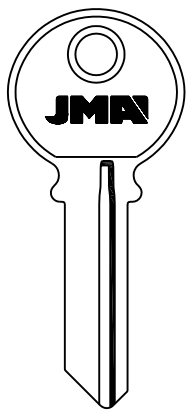
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

TAYLOR

TESA

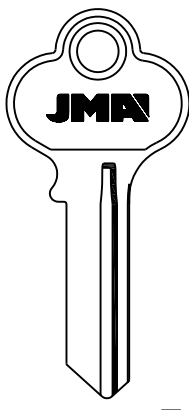


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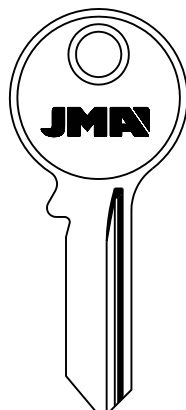
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T1

TAY-2
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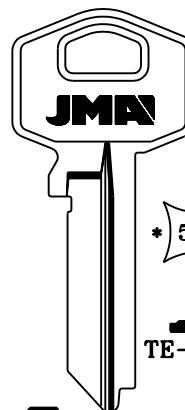


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1141GS

TAY-3
T7



ABU-4I
191AB



* 500

TE-8DKT1

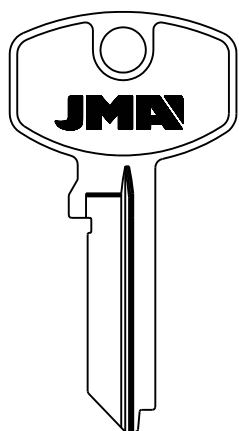
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TE4

TE-8D

ABU-4D

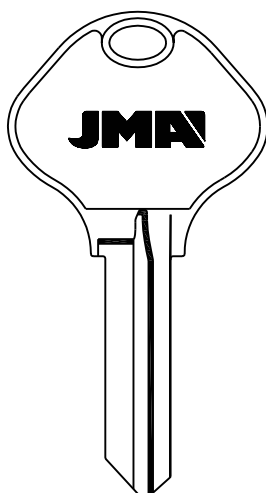
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HR2

TESA



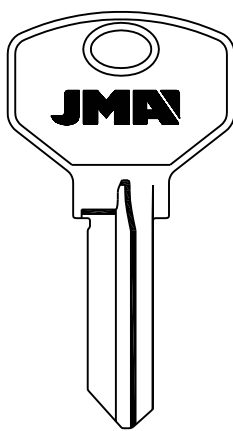
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YALE



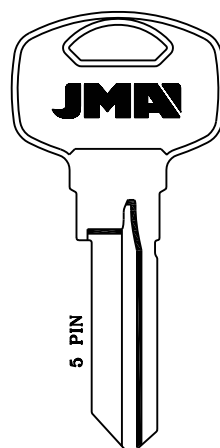
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YALE



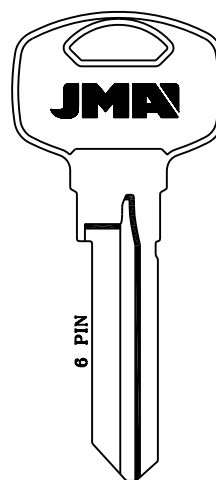
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YALE



TE-29D

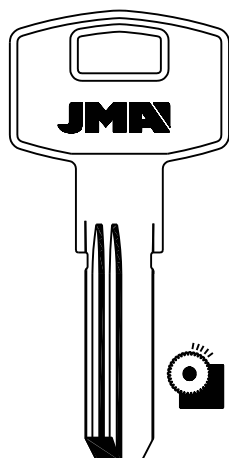
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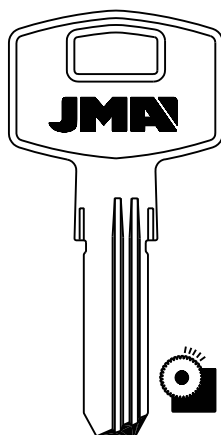
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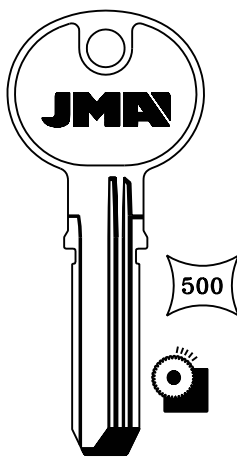
TESA



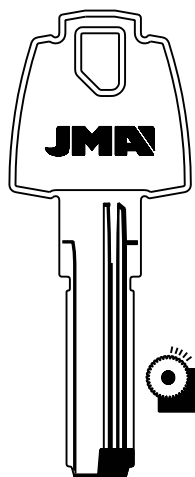
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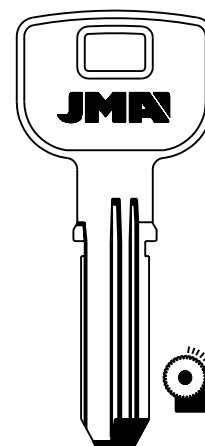
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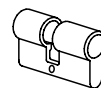


TE-T62



TE-T80

SC
TE-T80SC



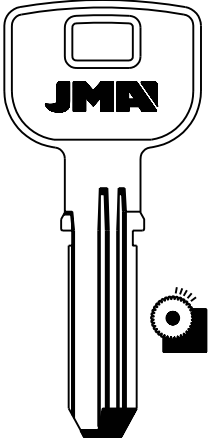


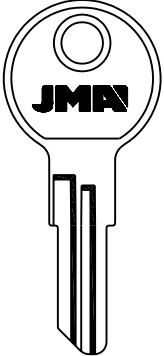

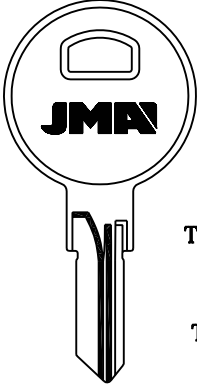




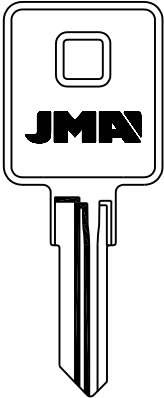






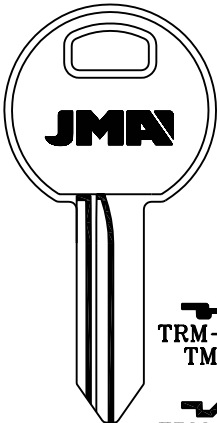



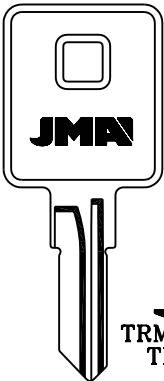



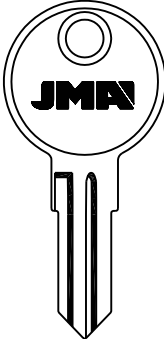

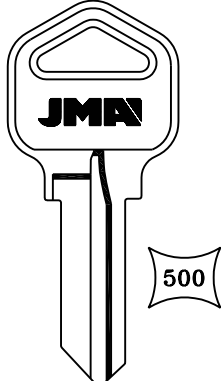

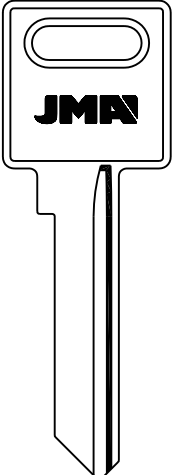

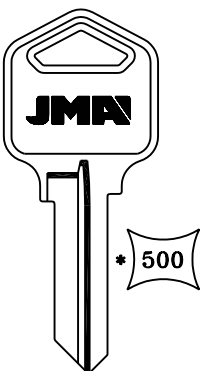


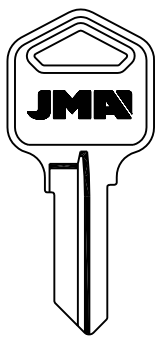

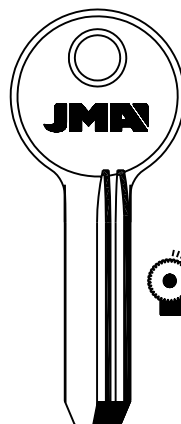

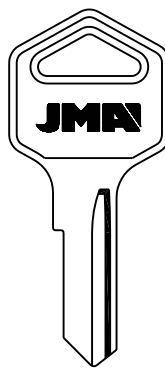

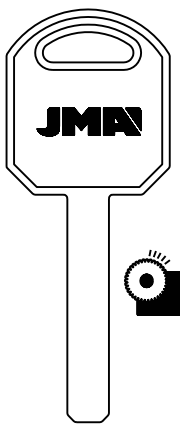

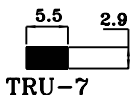
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l'index.

TESA		TIMBERLINE	TRIMARK	
  		  ILLINOIS	    	      
TRIMARK			TRUPER	
   	   	 	 	 
TRUPER				
  	 	 	 	  



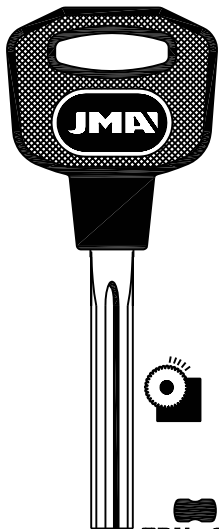
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marcas y denominaciones comer-
ciales ver nota en índice.

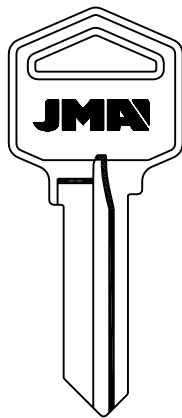
Attention: Concerning the marks
and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

TRUPER



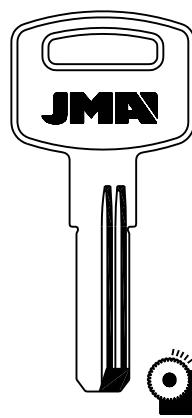
TRU-8.P



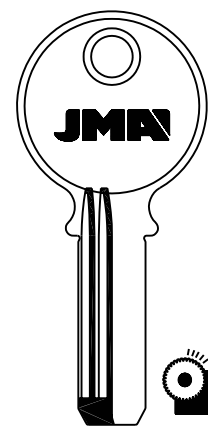
TRU-9D



TRU-10.P

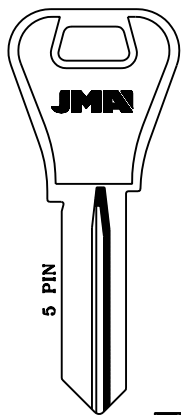


TRU-12



TRU-13D

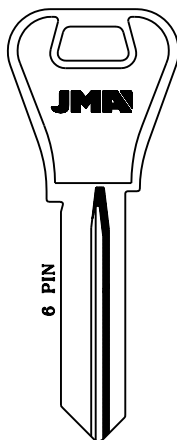
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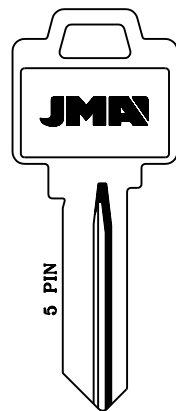
WEI-6
FL5G



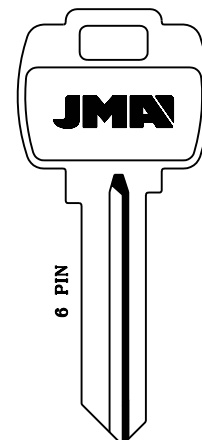
FALCON



FALCON

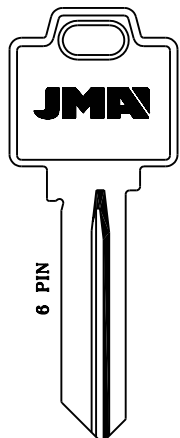


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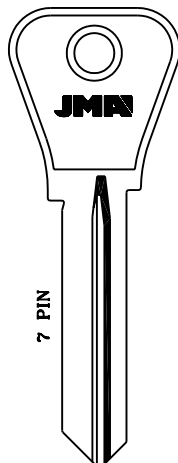


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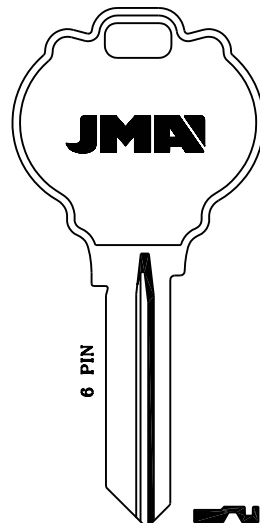
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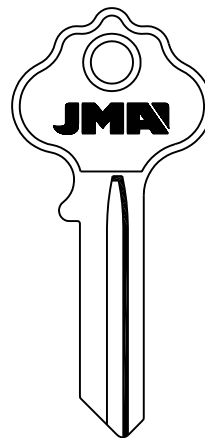
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WEI-11

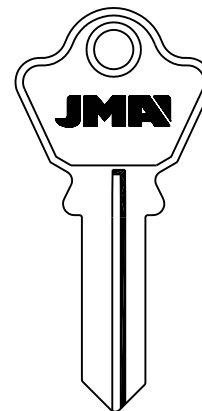


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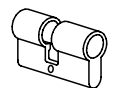


WEI-17D
WR2

WELCH



WLC-1D
WE1



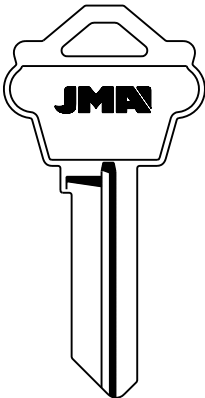
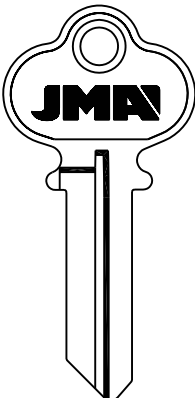
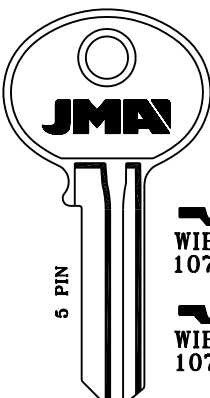
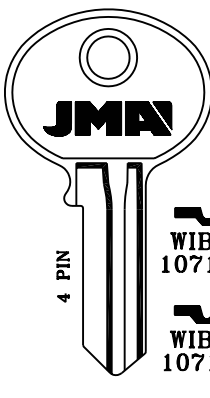
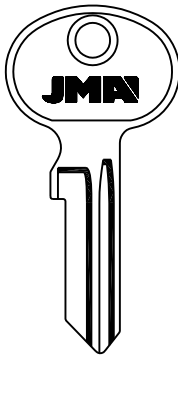











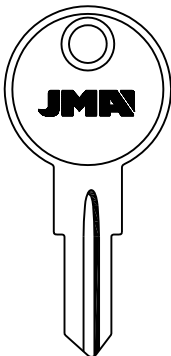
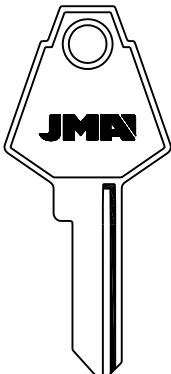
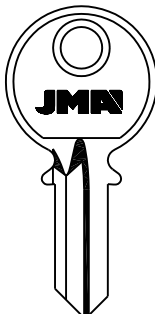
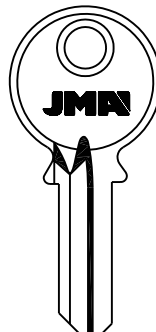
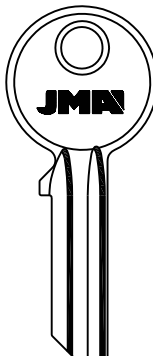





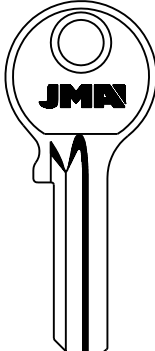
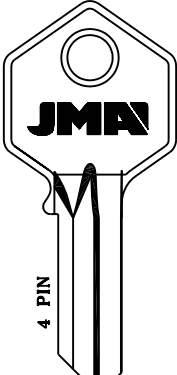
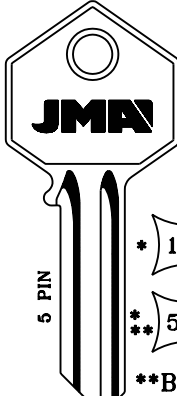
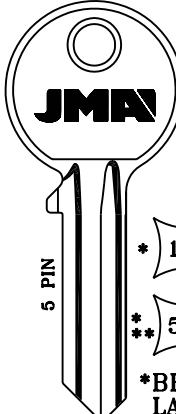









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Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

WESLOCK		WILSON-BOHANNON		WIND			
							
 WES-1D WK2	 WES-3D WK1	 WIB-4 1071M  WIB-3 1071E  WIB-2 1071D  WIB-1 W1	 WIB-8 1071BM  WIB-7 1071BE  WIB-6 1071BD  WIB-5 1071B	 WND-1 WN1			
WRIGHT PRODUCTS		XL LETTER BOX		YALE			
							
 WRI-1D WTP1	 XL-1 XL7	 U-1D	 U-2D	 U-3I			
YALE							
							
 U-17D	 YA-2D	 YA-11 H999R	 **YA-1D H999	 YA-24I 999R	 **YA-24D	 YA-69	 YA-69D



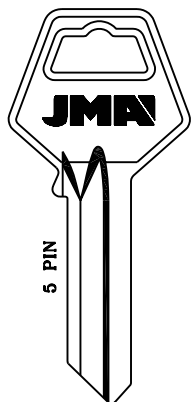
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marcas y denominaciones comer-
ciales ver nota en índice.

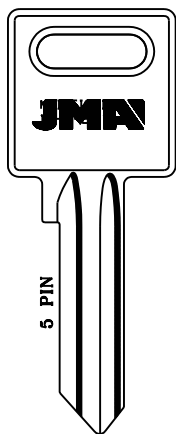
Attention: Concerning the marks
and commercial denominations
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commerciales voir la note dans
l'index.

YALE

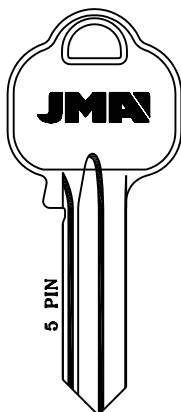


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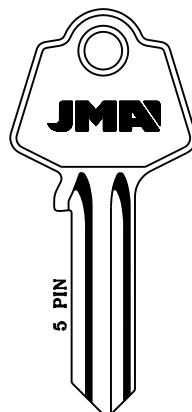


YA-78

YA-78D

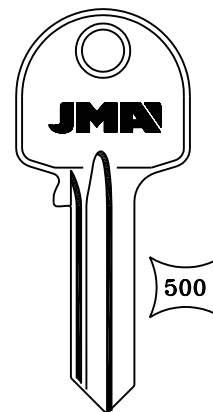


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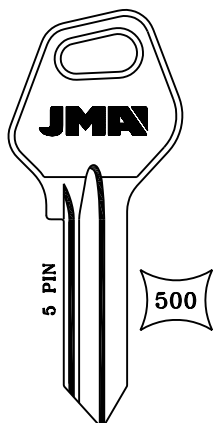
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U-5CD

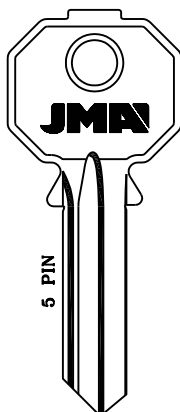


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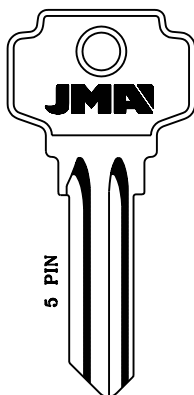
YALE



U-5JD

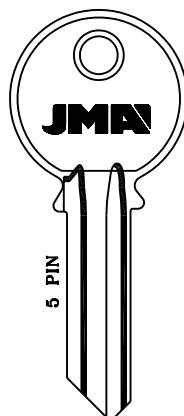


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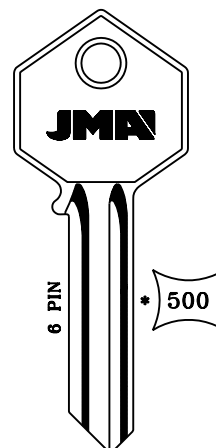
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U-5XD



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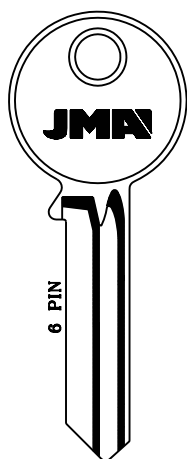
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YA-22I

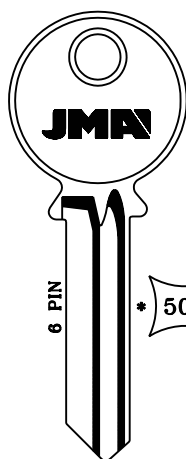
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YALE



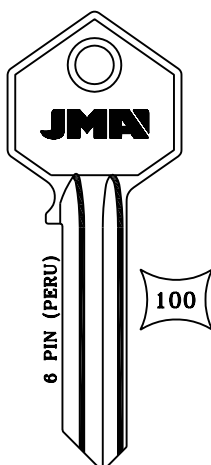
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YA-137D



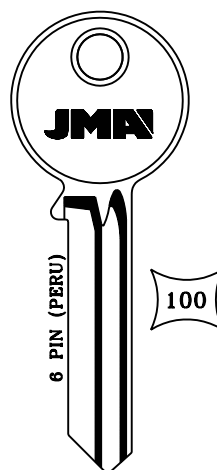
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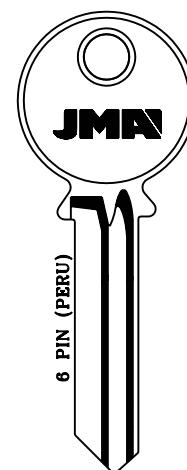
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YA-70D



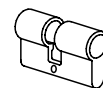
YA-138

YA-138D



YA-139

YA-139D



JMA

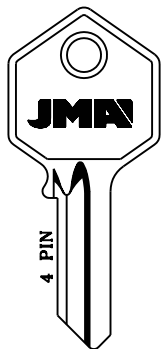
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marcas y denominaciones comer-
ciales ver nota en índice.

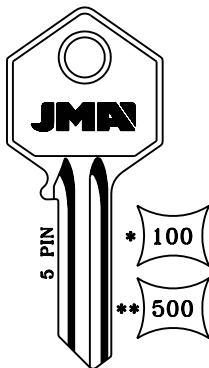
Attention: Concerning the marks
and commercial denominations
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commerciales voir la note dans
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YALE



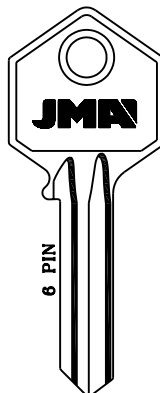
4 PIN



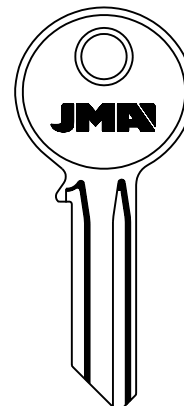
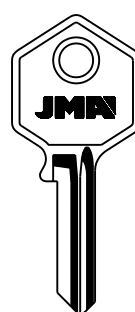
5 PIN

* 100

** 500



6 PIN



YA-33D
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*YA-3I
H997ER

**YA-3D
H997E

YA-43

YA-43D

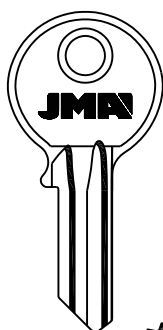
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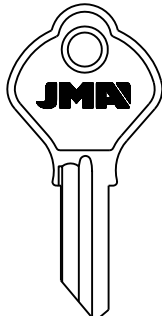
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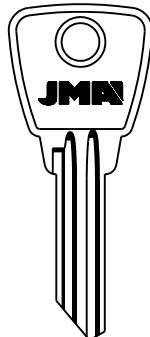
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YA-6D
X999

YALE



YA-63D
Y5


YA-16D
YL5


YA-7I
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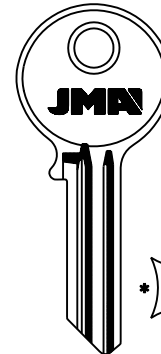
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YA-8D
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YA-10

YA-10D
E1122A

YA-11I

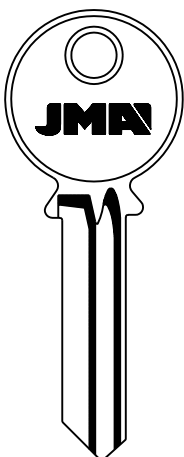
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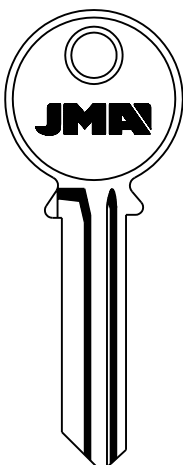
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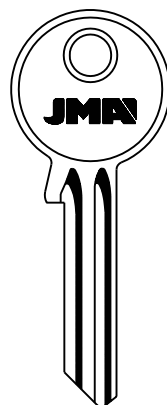
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YA-12I

YALE



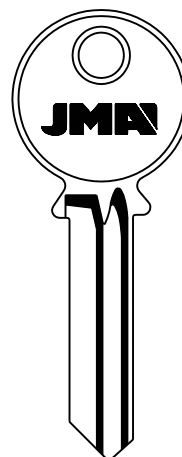
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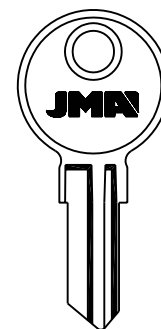
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YA-15I

YA-15D
998A

YA-25I
0997ER

YA-25D
Y54


YA-26I


YA-27

YA-27D

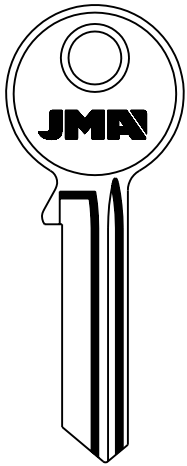

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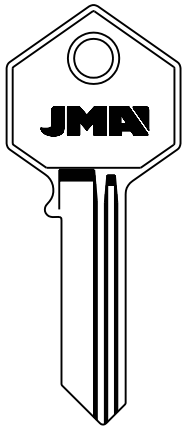
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marques et dénominations
commerciales voir la note dans
l'index.

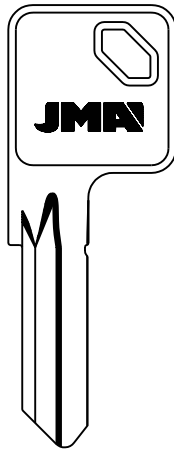
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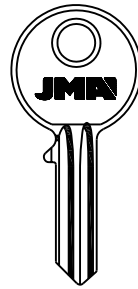
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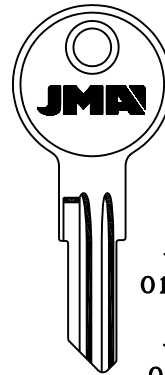
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YA-34D
Y1E



YA-42



YA-42D

YA-55
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YA-54
01122BR

YA-45
Y14

YA-44
Y13

YA-56D
01122C

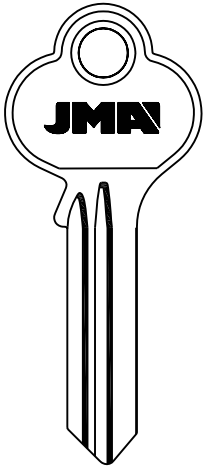
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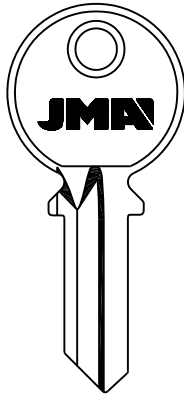
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YA-44D
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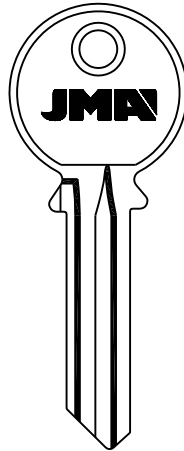
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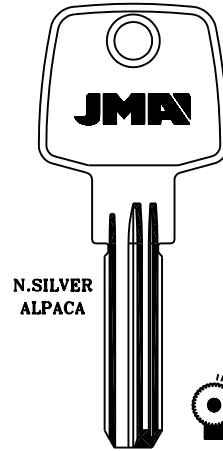
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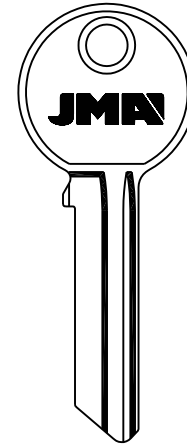
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Y220



YA-64D
998GST

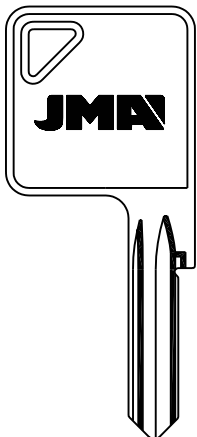


YA-65

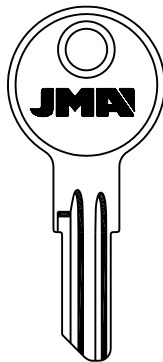


YA-71

YALE

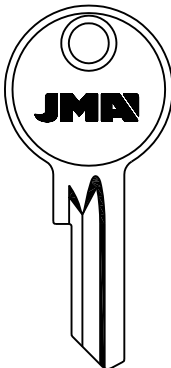


YA-72

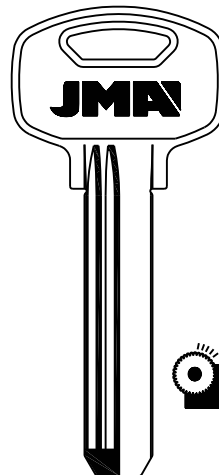


YA-73

YA-73D

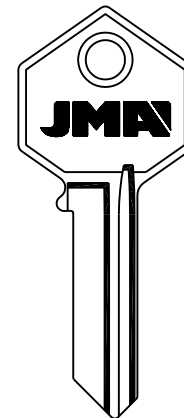


YA-82D
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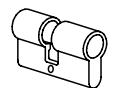


YA-84D

YA-84D



YA-90



JMA

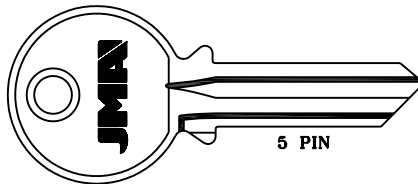
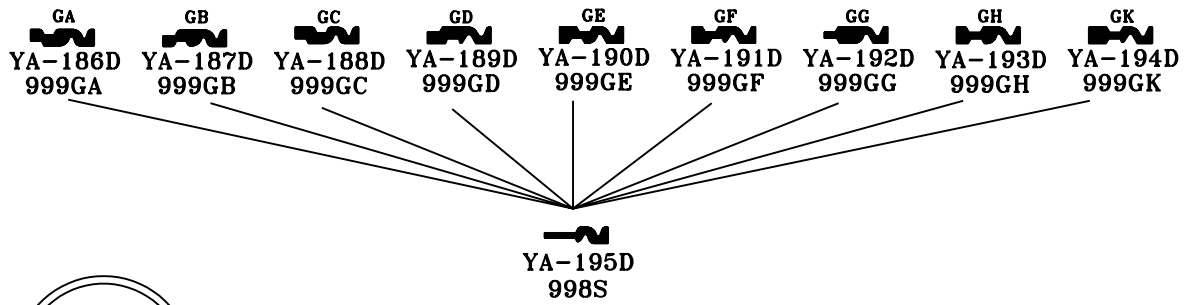
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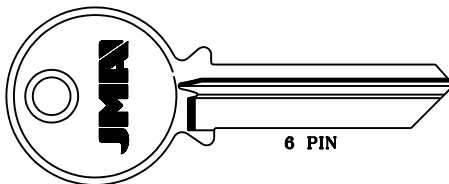
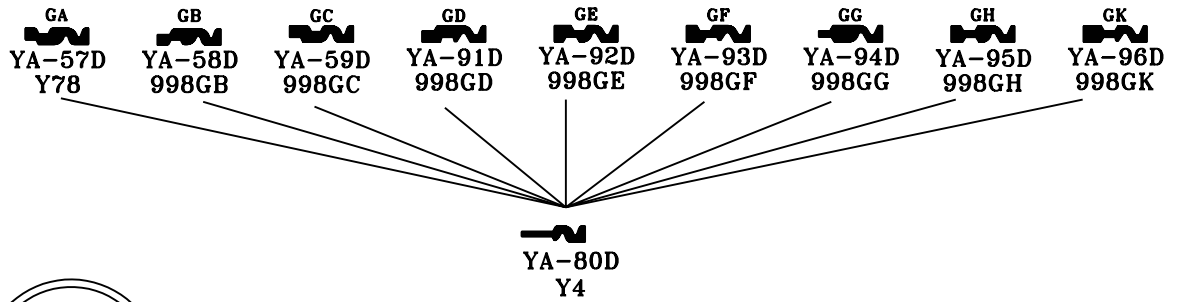
Attention: Concerning the marks
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Attention: Concernant les
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commerciales voir la note dans
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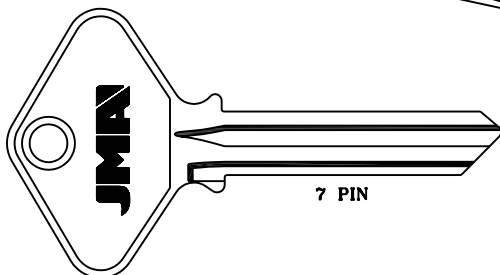
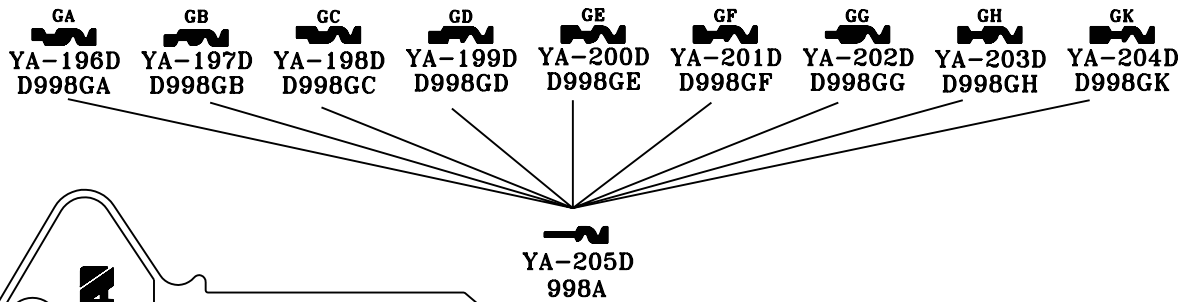
YALE



YALE



YALE



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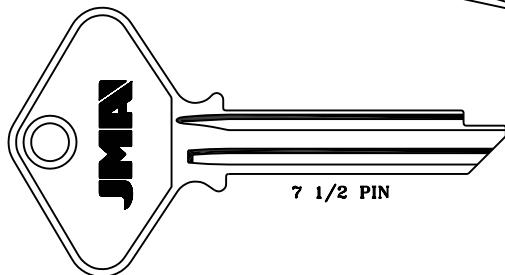
Atención: Concerniente a las
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and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

YALE

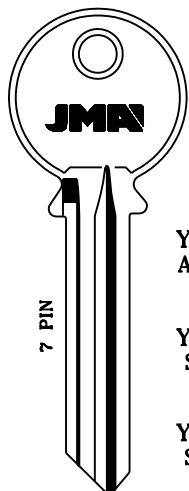
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YA-165D
H998

7 1/2 PIN

YALE



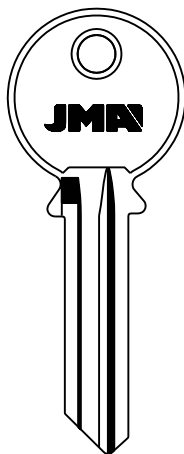
7 PIN


YA-238D
A998GST


YA-237D
S998GC


YA-236D
S998GB


YA-235D
S998GA




PK
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PG
YA-245D
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PE
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PC
YA-241D
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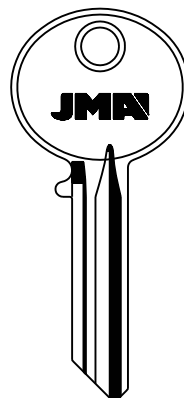

PA
YA-239D
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PH
YA-246D
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PF
YA-244D
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PD
YA-242D
998PD


PB
YA-240D
998PB





JK
YA-256D
997JK



JG
YA-254D
997JG



JE
YA-252D
997JE



JC
YA-250D
997JC


JA
YA-248D
997JA

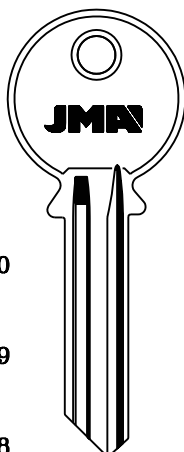

JH
YA-255D
997JH


JF
YA-253D
997JF


JD
YA-251D
997JD


JB
YA-249D
997JB

YALE

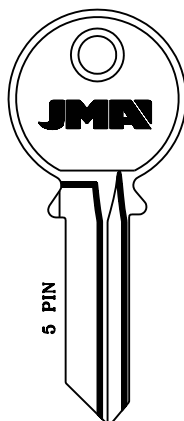



ZG
YA-260
998ZG


ZC
YA-259
998ZC


ZB
YA-258
998ZB


ZA
YA-257
998ZA



5 PIN


VH
YA-267
999VH


VE
YA-265
999VE

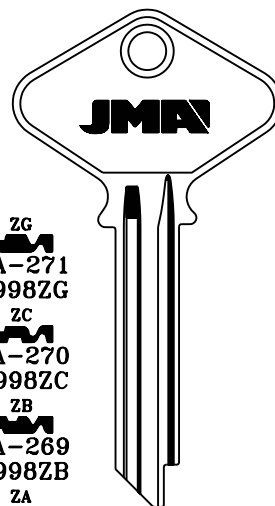

VC
YA-263
999VC



VA
YA-261
999VA



VG
YA-266
999VG



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YA-264
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

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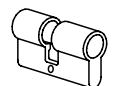



ZG
YA-271
H998ZG


ZC
YA-270
H998ZC


ZB
YA-269
H998ZB


ZA
YA-268
H998ZA



JMA

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marcas y denominaciones comer-
ciales ver nota en índice.

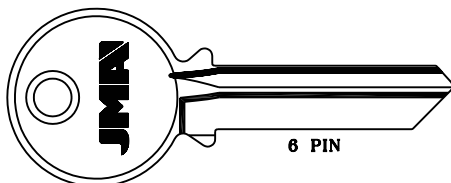
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

YALE

VA YA-57 998VA	VB YA-58 998VB	VC YA-59 998VC	VD YA-91 998VD	VE YA-92 998VE	VF YA-93 998VF	VG YA-94 998VG	VH YA-95 998VH	VK YA-96 998VK
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YA-80
998R

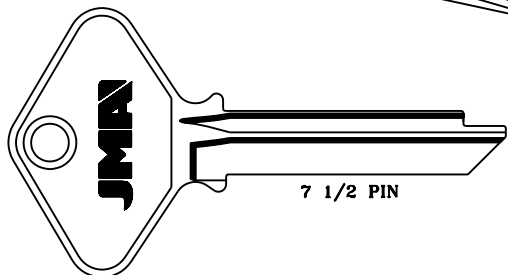


6 PIN

YALE

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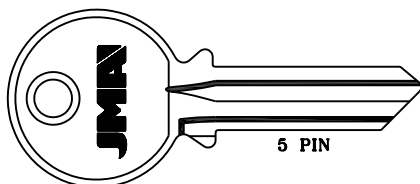
YA-165
H998R



7 1/2 PIN

YALE

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5 PIN



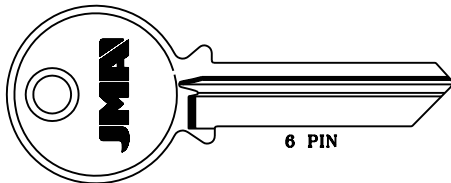
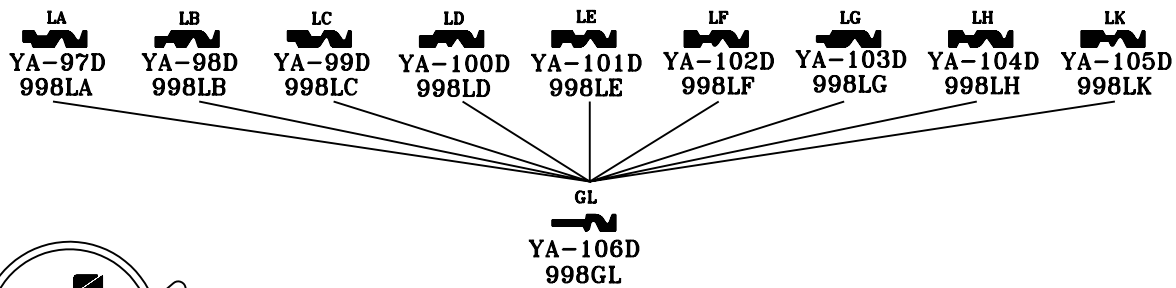
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marcas y denominaciones comer-
ciales ver nota en índice.

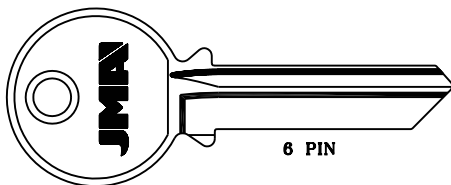
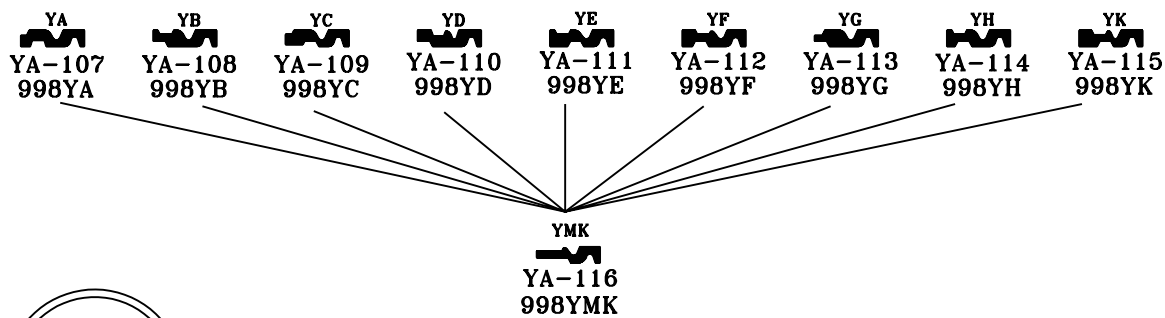
Attention: Concerning the marks
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see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

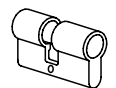
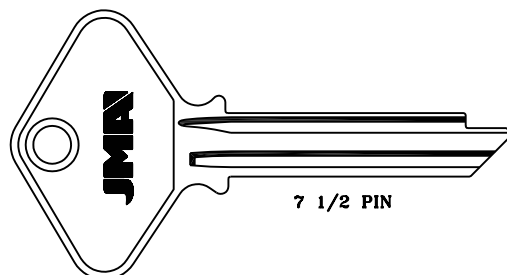
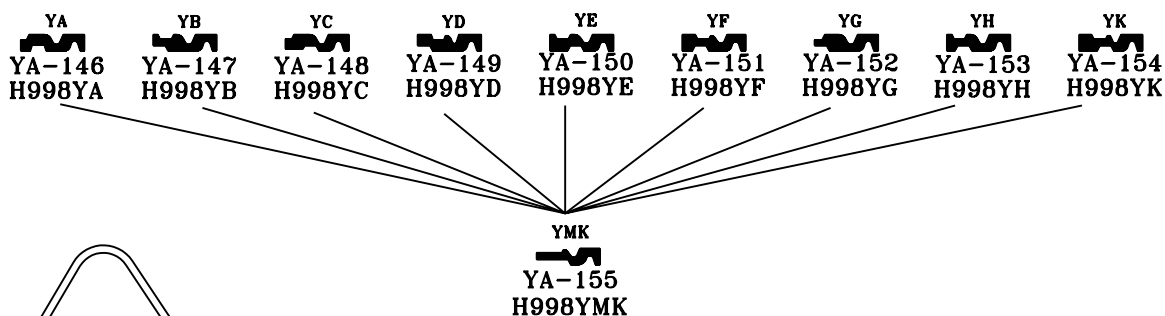
YALE



YALE



YALE



JMA

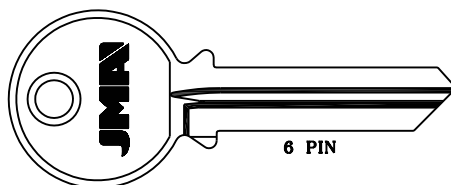
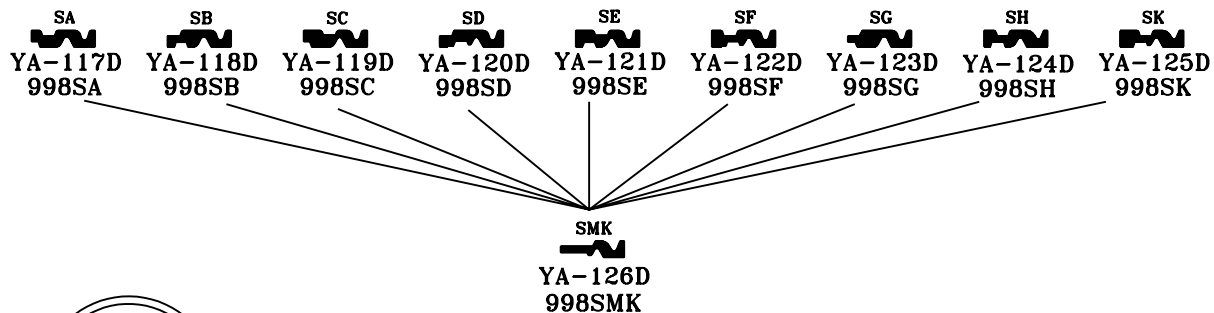
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ciales ver nota en índice.

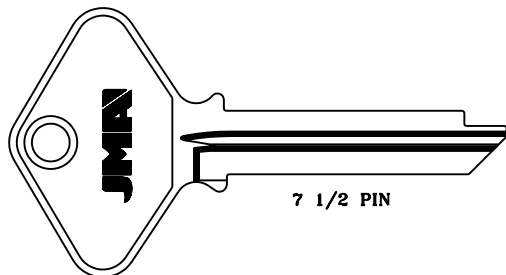
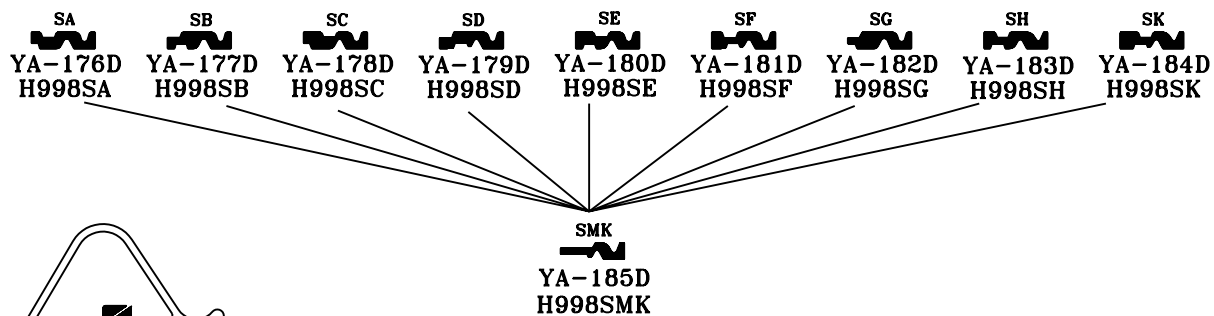
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and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

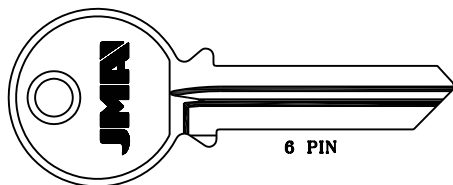
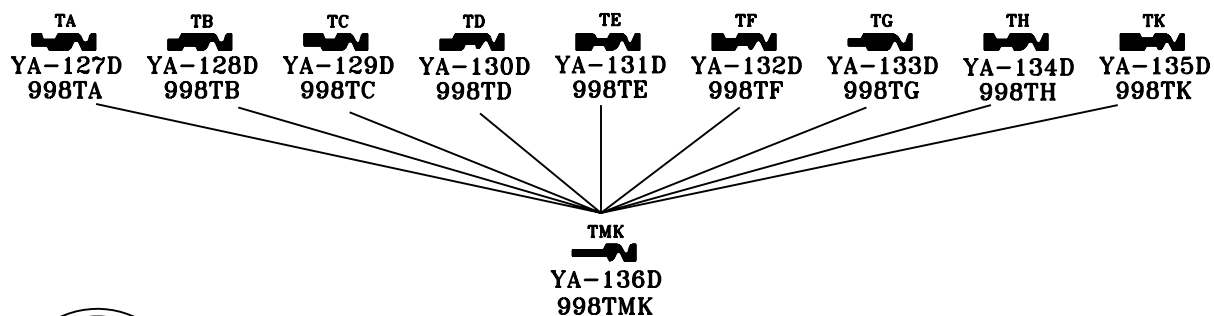
YALE



YALE



YALE



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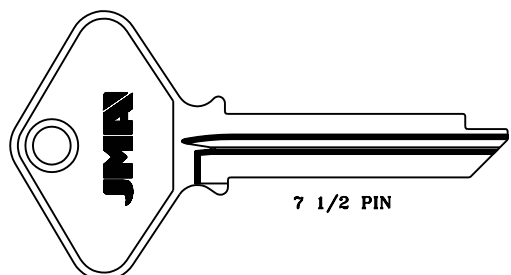
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

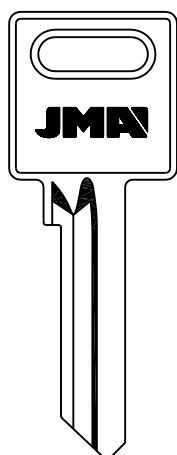
YALE

TA YA-166D H998TA
 TB YA-167D H998TB
 TC YA-168D H998TC
 TD YA-169D H998TD
 TE YA-170D H998TE
 TF YA-171D H998TF
 TG YA-172D H998TG
 TH YA-173D H998TH
 TK YA-174D H998TK

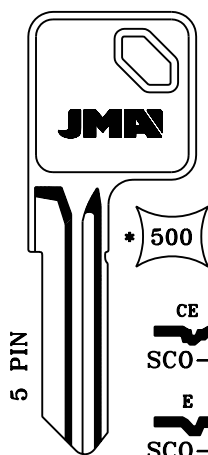


TMK
 YA-175D
 H998TMK

YALE



YA-75D



5 PIN

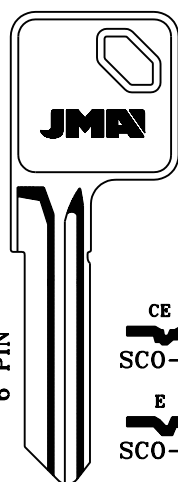
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CE
SC0-3

E
SC0-2

C
*SC0-1

SCOVILL



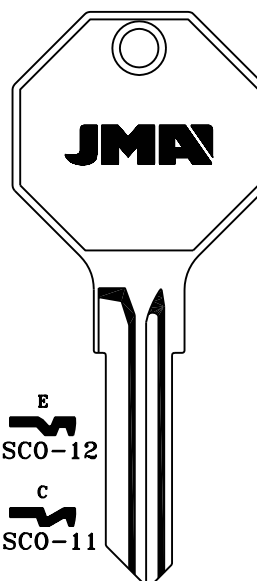
6 PIN

CE
SC0-6

E
SC0-5

C
SC0-4

SCOVILL

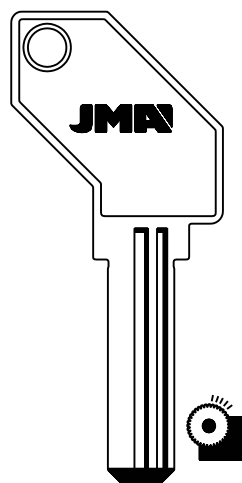


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SC0-12

C
SC0-11

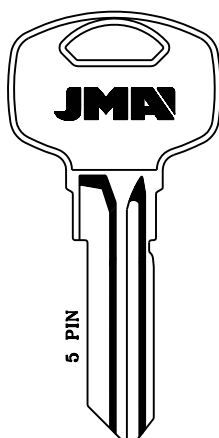
SCOVILL

YALE



S1
 SC0-14

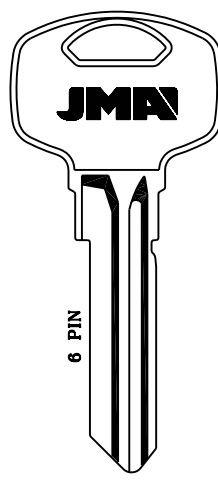
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5 PIN

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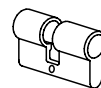
SCOVILL



6 PIN

C
 SC0-16

SCOVILL



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 marques et dénominations
 commerciales voir la note dans
 l'index.

INTERNATIONAL CYLINDER

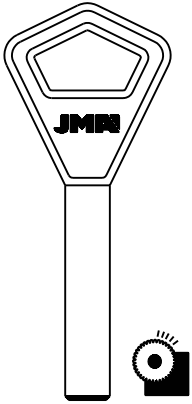
*CILINDRO INTERNACIONAL
CYLINDRE INTERNATIONAL*



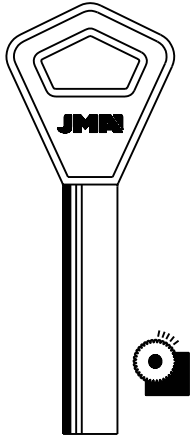
THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ABLOY

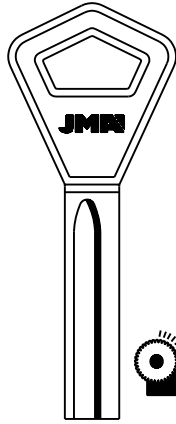
ABSA



ABL-1
AL1

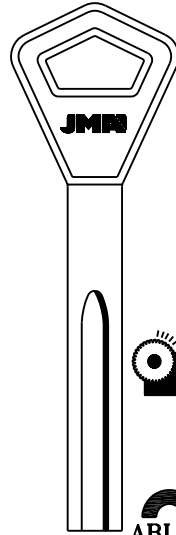


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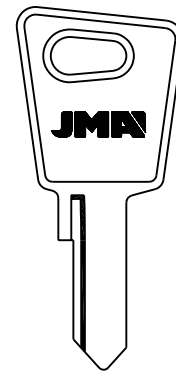


c
ABL-3

ABL-4

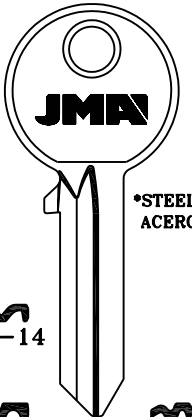


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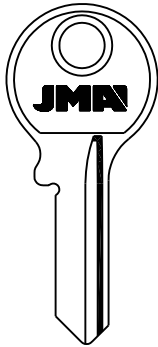
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ABUS

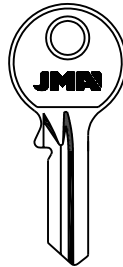


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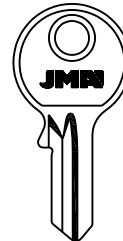
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ACERO



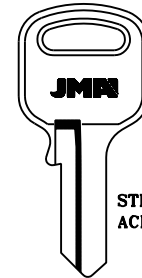
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ABU-22D



ABU-23D



ABU-27D
AB16

STEEL
ACERO

ABU-21
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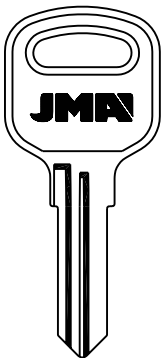
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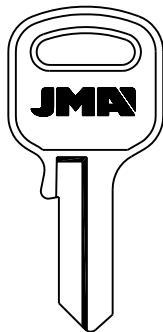
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ABU-12I

ABUS



ABU-28

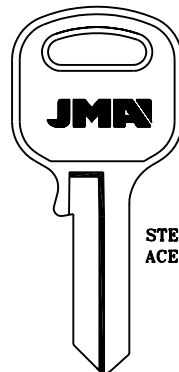


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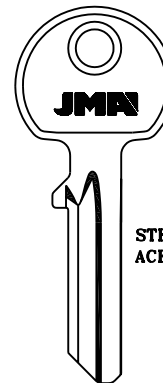
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AB62CR

ABU-42D
AB62C

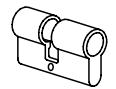


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ABU-50
AB13



ABU-51D
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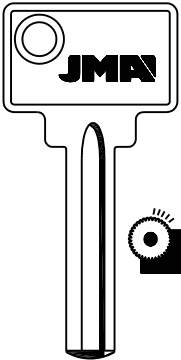
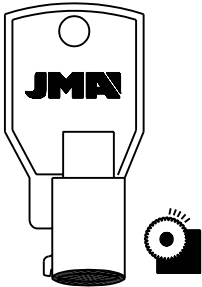
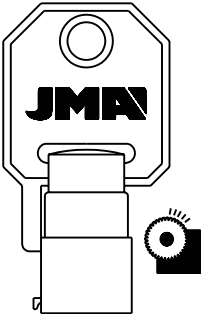
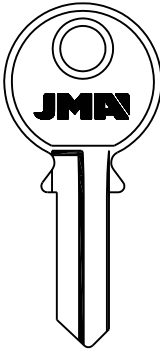


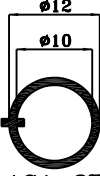

JMA

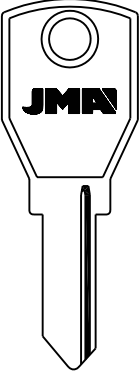
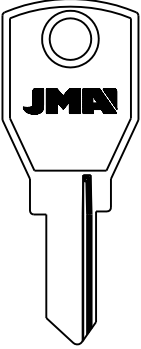
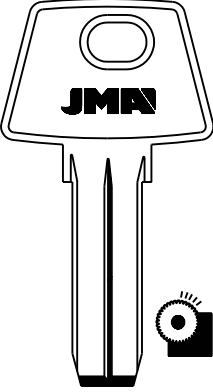



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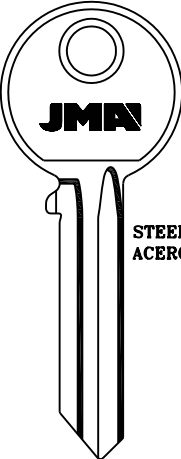
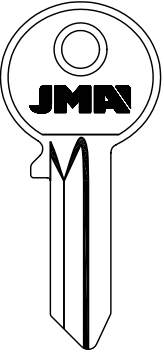
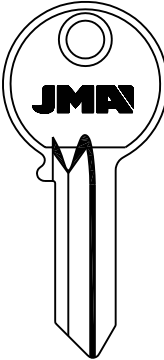









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marques et dénominations
commerciales voir la note dans
l'index.

ABUS	AGA		
			
			
ABU-56	AGA-1T	AGA-2T	AGA-4D

AGA				
	<p>D 501-526 AGA-19I</p> <p>B 501-526 AGA-18I</p> <p>D 901-926 AGA-6I</p> <p>B 901-926 AGA-5I</p>	<p>C 501-526 AGA-19D</p> <p>A 501-526 AGA-18D</p> <p>C 901-926 AGA-6D</p> <p>A 901-926 AGA-5D</p>		
				
			AGA-9I	AGA-12
				
				AGA-38

AGE	AGUIA			ALIANCA	
					
STEEL ACERO	STEEL ACERO	STEEL ACERO			
					
AGE-2D AG5	AG-10I AU4	AG-10D AU3		ALC-1D	ALC-2D
					
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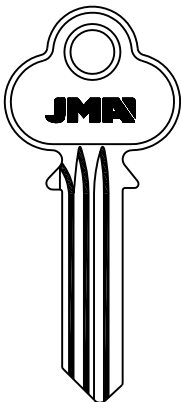

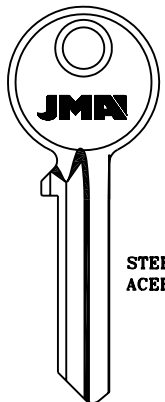
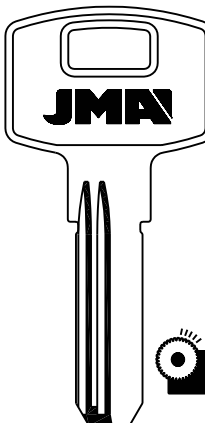
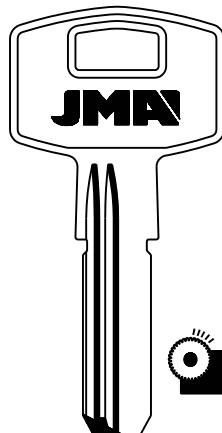



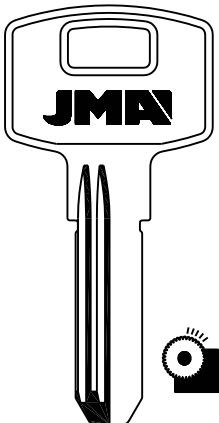

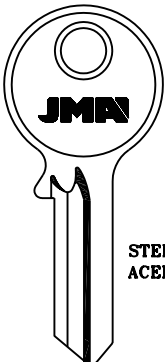
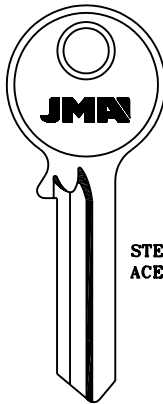
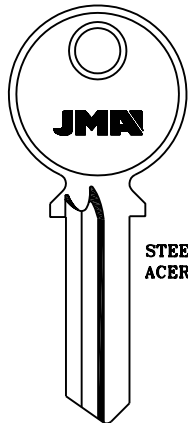





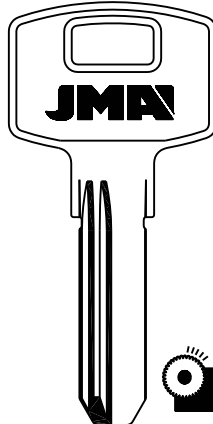
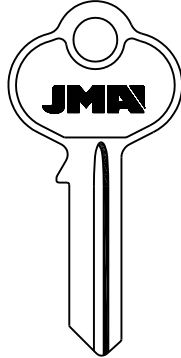
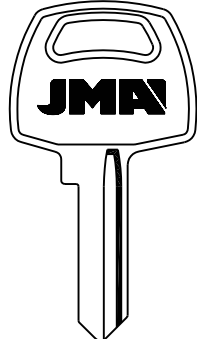
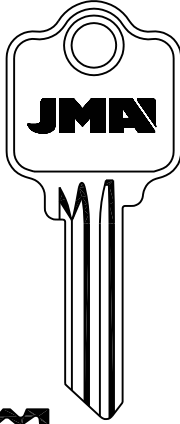








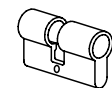
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Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

ALISON	ALPHA		AMIG	
	 STEEL ACERO	 STEEL ACERO	 5000 AMG-8D	 2500 AMG-9D
 ALS-1	 ALP-3 ALP4	 ALP-5D ALP5		
AMIG	ANKER			
 4900 AMG-10 AMG-10D	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO
	 ANK-1 AK1	 ANK-2 AK2	 ANK-3 AK3	 ANK-4 AK6
ANTAR	APEX	AROUCA		ASHICO
 STEEL ACERO				
 ANA-1 H61V	 AP-1D	 ARO-1D	 ARO-2	 ASH-4  ASH-1



JMA
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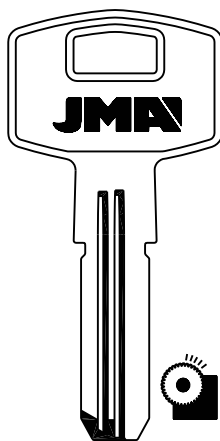
Atención: Concerniente a las
marcas y denominaciones
comerciales ver nota en índice.

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and commercial denominations
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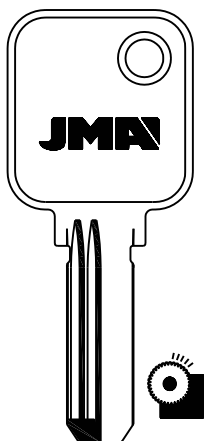
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

ASHICO

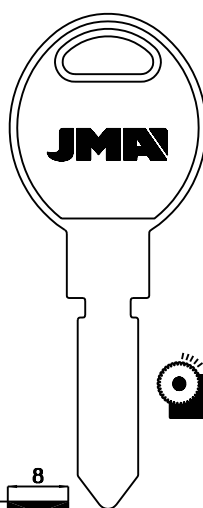
ASIA



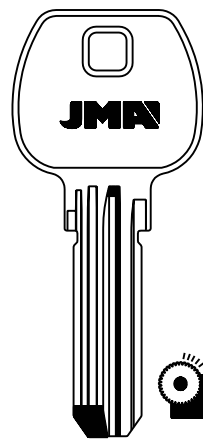
ASH-2



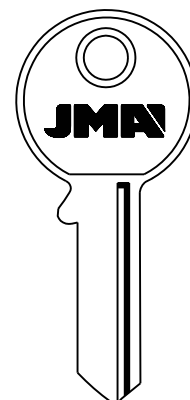
ASH-3D



ASH-5



ASH-6D



ASI-1

ASSA

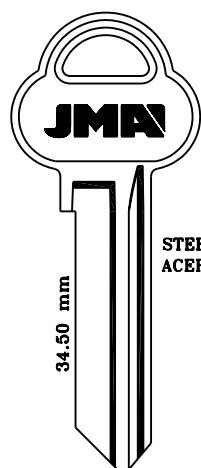


28.4 mm.

STEEL
ACERO

560P
AS-P5
R61W
560M
AS-M5
AS3
560E
AS-E5
61Q
560A
AS-A5
61T

560N
AS-N5
61W
560G
AS-G5
AS1
560F
AS-F5
R61Q
560B
AS-B5
R61T



34.50 mm

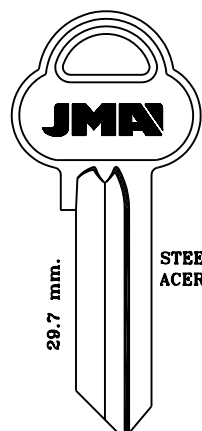
STEEL
ACERO

760P
AS-P7
AR61W
760M
AS-M7
AS4
760L
AS-L7
AS8
760E
AS-E7
A61Q
760A
AS-A7
A61T

760N
AS-N7
A61W
760G
AS-G7
AS2
760K
AS-K7
AS6
760F
AS-F7
AR61Q
760B
AS-B7
AR61T

760RC
AS-RC7
AS14L
760S
AS-S7
AS24

ASSA



29.7 mm.

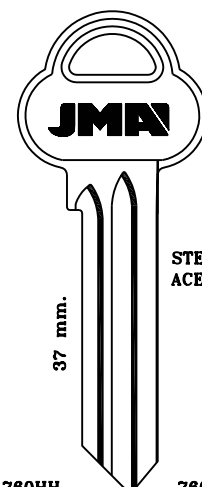
STEEL
ACERO

560GK
AS-GK5
AS27
560FK
AS-FK5
AS35
560EM
AS-EM5
AS21
560EL
AS-EL5
AS13
560EK
AS-EK5
AS17

560DK
AS-DK5
AS29
560BK
AS-BK5
AS37
560AM
AS-AM5
AS55
560AL
AS-AL5
AS15
560AK
AS-AK5
AS19

560T
AS-T5
AS9
560W
AS-W5
AS77
560GM
AS-GM5
AS53
560GL
AS-GL5
AS47

560V
AS-V5
AS11
560U
AS-U5
AS75
560DM
AS-DM5
AS51
560DL
AS-DL5
AS49



37 mm.

STEEL
ACERO

760HH
AS-HH7
AS82

760DD
AS-DD7
AS80



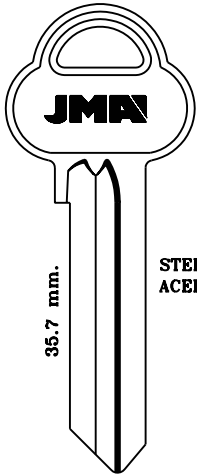
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commerciales voir la note dans
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ASSA



35.7 mm.

STEEL
ACERO

760FL
AS-FL7
AS44
760FK
AS-FK7
AS36
760EM
AS-EM7
AS22
760EL
AS-EL7
AS14
760EK
AS-EK7
AS18

760BL
AS-BL7
AS46
760BK
AS-BK7
AS38
760AM
AS-AM7
AS56
760AL
AS-AL7
AS16
760AK
AS-AK7
AS20

760H
AS-H7
AS74
760GM
AS-GM7
AS54
760GL
AS-GL7
AS48
760GK
AS-GK7
AS28
760FM
AS-FM7
AS70

760D
AS-D7
AS72
760DM
AS-DM7
AS52
760DL
AS-DL7
AS50
760DK
AS-DK7
AS30
760BM
AS-BM7
AS40

760X
AS-X7
AS32
760W
AS-W7
AS78
760T
AS-T7
AS10

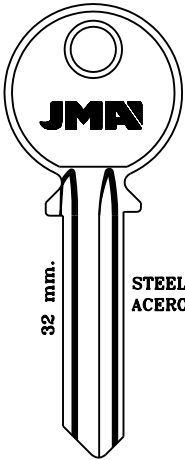
760Z
AS-Z7
AS34
760U
AS-U7
AS76
760V
AS-V7
AS12
760NN
AS-NN7
AS84



STEEL
ACERO

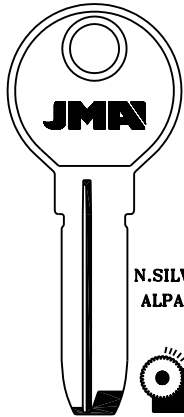
AS-22
61X

AZBE

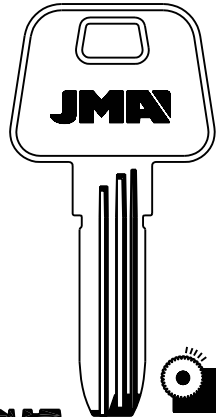


32 mm.

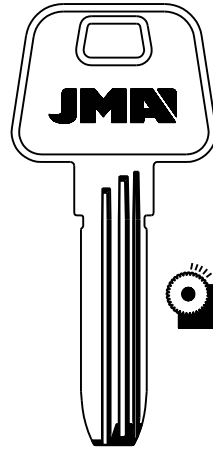
STEEL
ACERO



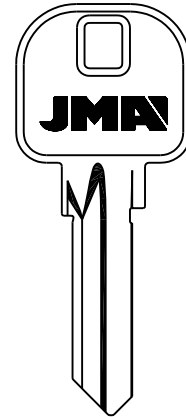
N.SILVER
ALPACA



AZ-12



STEEL
ACERO



AZ-31
AZ2

AZ-3D
AZ2R

AZ-8D

AZ-9

AZ-9D

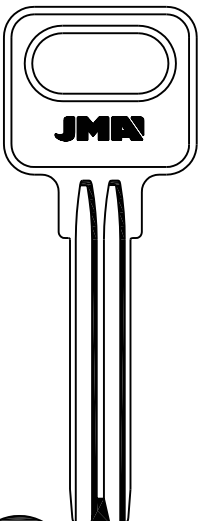
AZ-14

AZ-17D

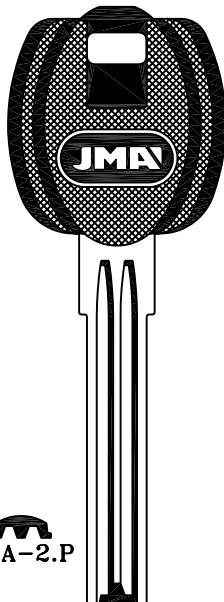
IFAM

ASHICO

BAODEAN



BDA-1



BDA-2.P

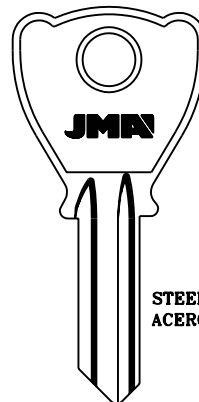
BASTA



STEEL
ACERO

BAST-11
BAS1

BETA



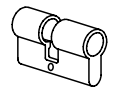
STEEL
ACERO

BE-41
BT4

BE-4D
BT2

BE-51
BT1

BE-5D
BT3



JMA

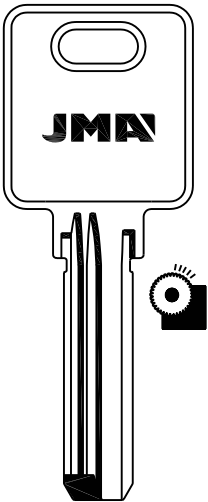
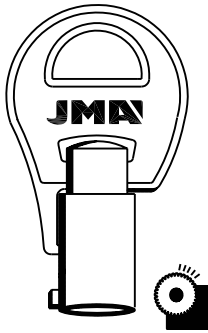
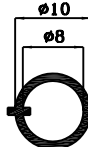
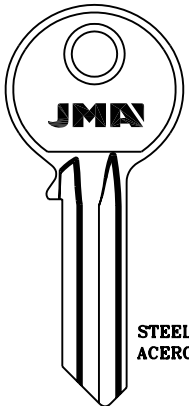












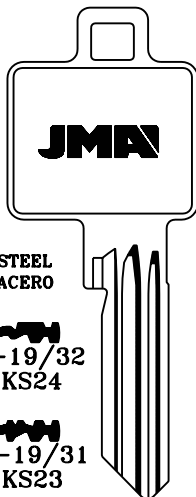
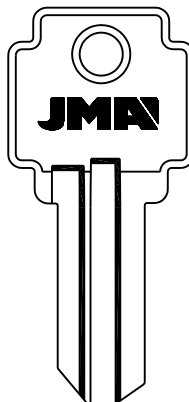
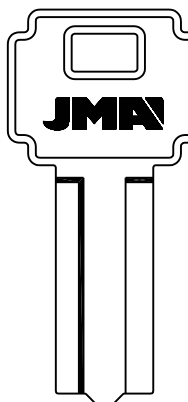





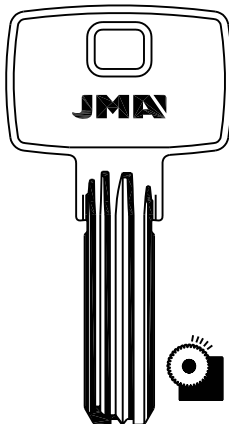

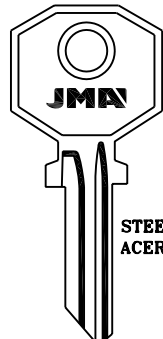
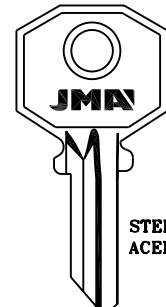



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INTERNA
TIONAL

BEY		BILMA		BKS				
 BEY-2D		  BIL-1T		 STEEL ACERO BK-1D KS91C		 BK-19/25 BKS17		 BK-19/26 BKS18
						 BK-19/21 BKS13	 BK-19/23 BKS15	
						 BK-19/19 BKS11	 BK-19/20 BKS12	
						 BK-19/15 BKS7	 BK-19/16 BKS8	
						 BK-19/12 BKS4	 BK-19/13 BKS5	
						 BK-19/10 BKS2	 BK-19/11 BKS3	
BKS		BREVETTO		BRICARD		BRUMME		
 STEEL ACERO BK-19/32 BKS24		 BRE-1 R62B		 BRE-1D B62B		 BRE-2 61B		
 BK-19/31 BKS23		 BK-19/27 BKS719		 BRI-1D BC2		 BRU-1D BR1		
BULAT		BURG						
 BUL-1		 STEEL ACERO BUR-11 BUR12		 STEEL ACERO BUR-1D BUR11		 STEEL ACERO BUR-21 BUR8		
						 STEEL ACERO BUR-2D BUR7		
						 BUR-8D BUR6		
						 BUR-12 BUR1		

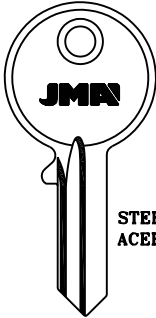
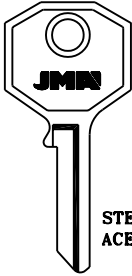

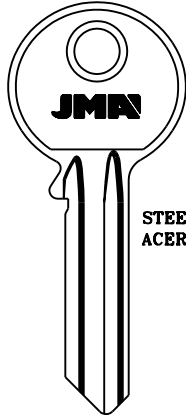
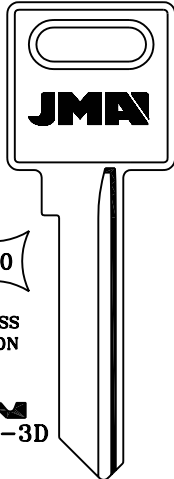






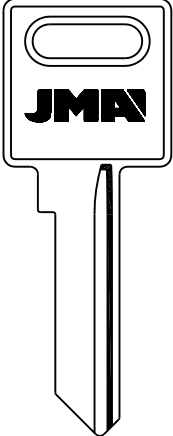
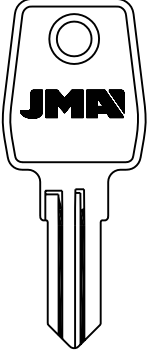










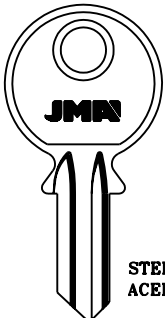

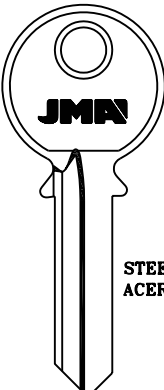









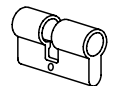
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commerciales voir la note dans
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BURG			BUVA	CANTOL
 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 * 100 * BRASS LATON *CTO-3D
 BUR-13D BUR13	 BUR-28 BUR9	 BUR-29D BUR15	 BU-11 BV2  BU-1D BV1	 CTO-1
CANTOL		CASH BOX	CAVERS	
 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO
 CTO-2	 CSB-2D	 CA-11 CA91	 CA-21 CA91B	 CA-31 CAV91
CAVERS			CENTURY	
 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO
 CA-41 ZE91CR  CA-4D ZE91C	 CA-51 CA91D	 CA-151 CA91A	 CENT-11 CE1  CENT-1D R62CA	 CENT-2D CT1



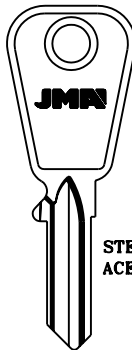
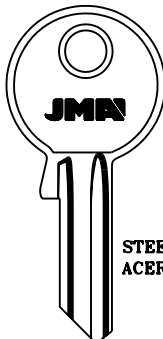
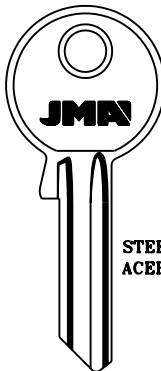













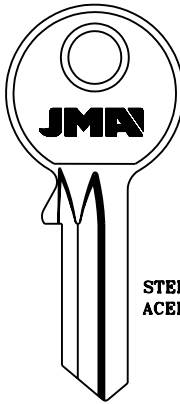
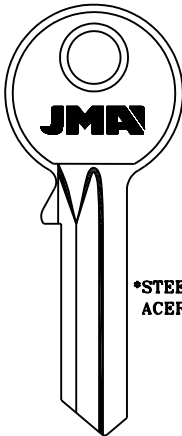
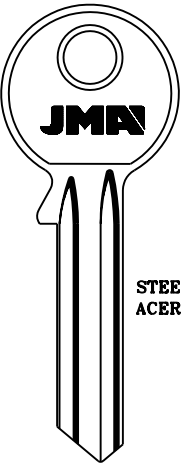
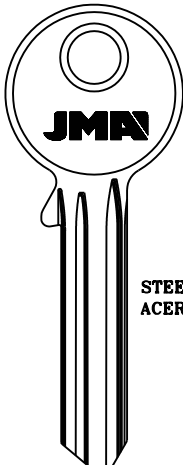
































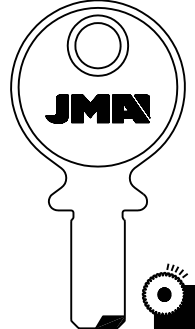

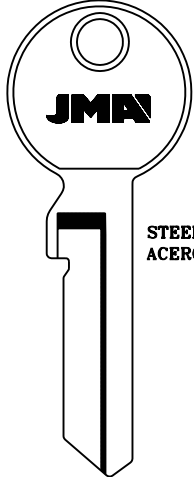









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Atención: Concerniente a las
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Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

CENTURY		CES																		
 STEEL ACERO		 STEEL ACERO		 STEEL ACERO		 CE-110 CS29		 CE-101D CS31		 CE-100D CS30		 STEEL ACERO								
 CENT-3D CT2		 CE-11 CS13	 CE-1D CS12	 CE-21 CS11	 CE-2D CS10	 CE-99D CS32		 CE-31 CS25		 CE-3D CS26										
CES																				
 STEEL ACERO		 *STEEL ACERO		 STEEL ACERO		 STEEL ACERO		 46 CE-86 CS57	 37 CE-83 CS54	 25 CE-80 CS48	 15 CE-77 CS44	 47 CE-87 CS58	 38 CE-84 CS55	 35 CE-81 CS52	 17 CE-78 CS46	 48 CE-88 CS59	 45 CE-85 CS56	 36 CE-82 CS53	 18 CE-79 CS47	
 CE-4D S62US	 *CE-5 R62US	 CE-5D ST91A	 CE-61 LR62US	 CE-6D L62US		 16 CE-50 CS45	 26 CE-55 CS49	 27 CE-56 CS50	 28 CE-57 CS51	 37 CE-83 CS54	 38 CE-84 CS55	 45 CE-85 CS56	 36 CE-82 CS53	 18 CE-79 CS47	 25 CE-80 CS48	 35 CE-81 CS52	 36 CE-82 CS53	 15 CE-77 CS44	 17 CE-78 CS46	 18 CE-79 CS47
CES					CHUBB			CIEF												
 STEEL ACERO		 STEEL ACERO		 STEEL ACERO		 STEEL ACERO		 STEEL ACERO												
 CE-114		 CE-131D CS14		 CE-134D CS43		 CHU-1D 1516		 CF-11 CF2		 CF-1D CF1										

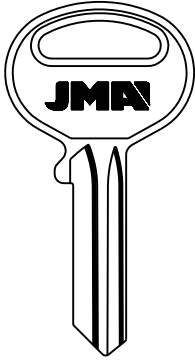
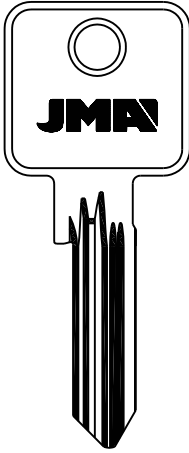
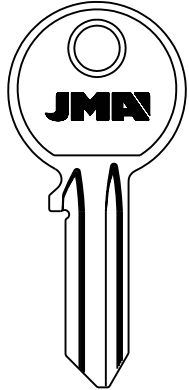
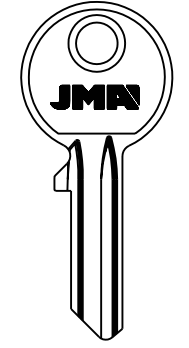
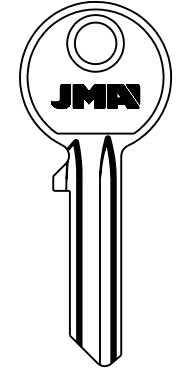










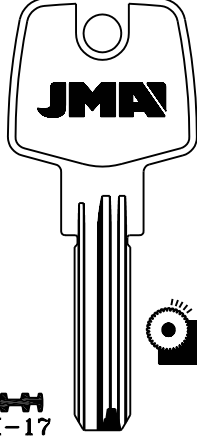

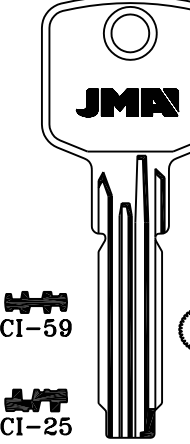
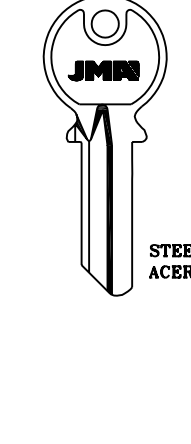
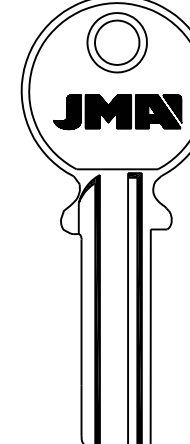
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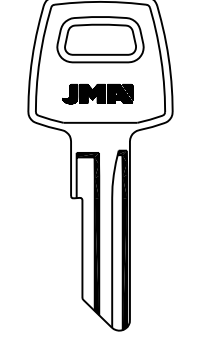
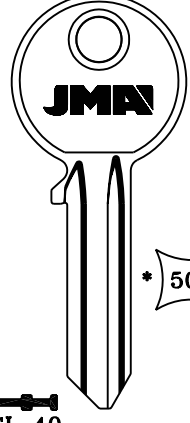
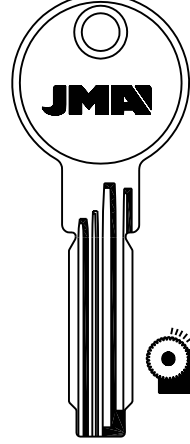
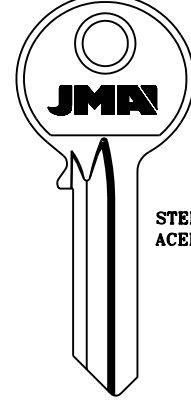
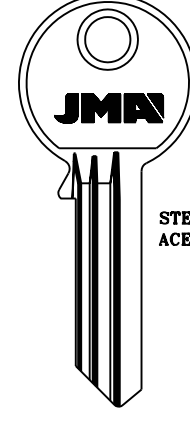
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Attention: Concerning the marks
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Attention: Concernant les
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commerciales voir la note dans
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CINA	CISA							
								
 ALI-1	 CI-1D	 CI-4I NSR9CS	 CI-4D NS9CS	 CI-4IP CS91C	 CI-4DP CS91CR	 CI-5IP CS91ER	 CI-5DP CS91E	

CISA				
				
CI-17	CI-20 CS91	CI-21	CI-22D CS91FR	CI-24 AB1
ABUS-ASTRAL-BRICARD		ABUS-ASTRAL-AXIS		

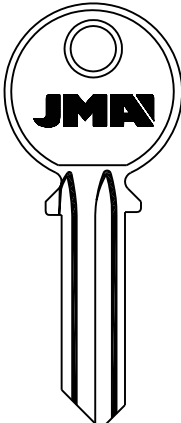
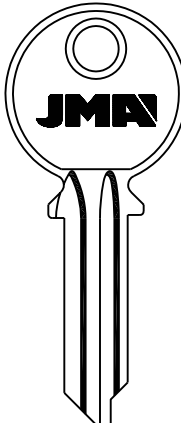
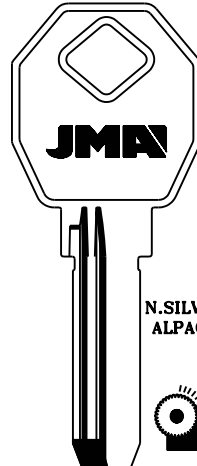


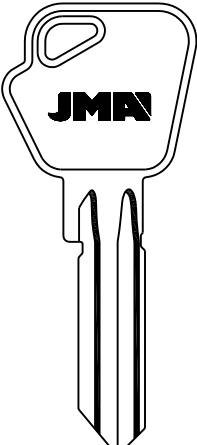









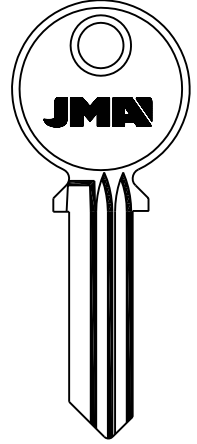
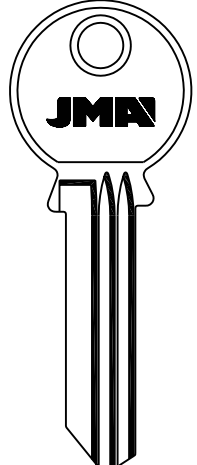

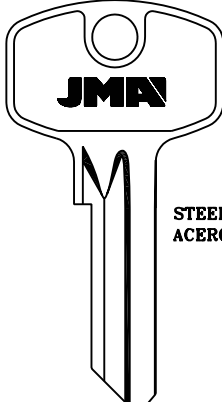












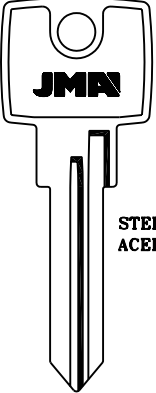






CISA			CORONA	
				
CI-28	CI-28D 9CX	CI-57	CO-1D CN1	CO-M CN5



Atención: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

Attention: Concerning the marks and commercial denominations see note in index.

Attention: Concernant les marques et dénominations commerciales voir la note dans l'index.

CVL			DAD		DEKABA
		 N.SILVER ALPACA	 STEEL ACERO		
 CVL-11 CVL1	 CVL-1D CVL1R	 CVL-5I	 DAD-2I D1A	 DAD-2D D1K	 DEK-13
		 CVL-9D	 DAD-1I D1T	 DAD-1D D1V	MAUER
DIAMOND			DOM		
			 STEEL ACERO	 STEEL ACERO	 STEEL ACERO
 DIA-1	 DIA-4		 DOM-1I DM27	 DOM-1D DM10	 DOM-2D D64
				 DOM-3I D01S	 DOM-3D D01SR
DOM					
 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	
 DOM-5D 9D	 DOM-6I D01M	 DOM-7D DM61	 DOM-9D D03M	 DOM-12 DM63	 DOM-12D DM60



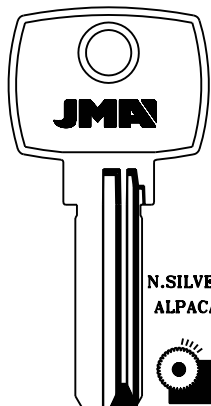
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marques et dénominations
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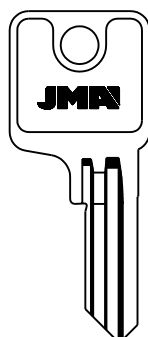
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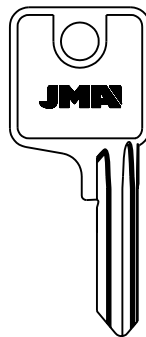
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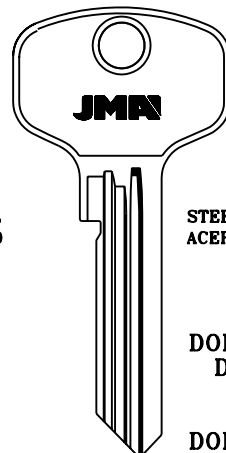
DOM-18D
DM11



DOM-25D



DOM-26D
DM21



DOM-27D/20
DM65-20

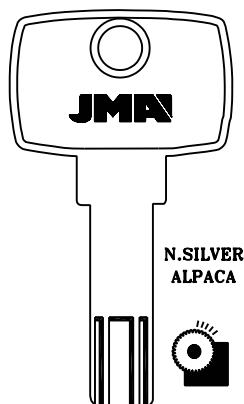
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DM65-17

DOM-27D/11
DM65-11

DOM

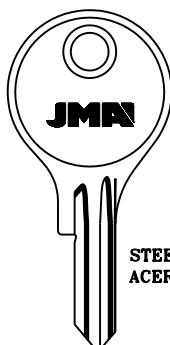


DOM-29
DM23



DOM-32
DM22TVP

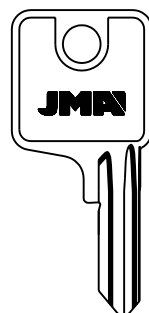
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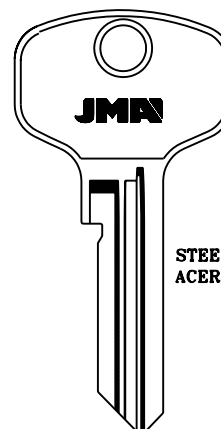
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DM32



DOM-36D
DM31

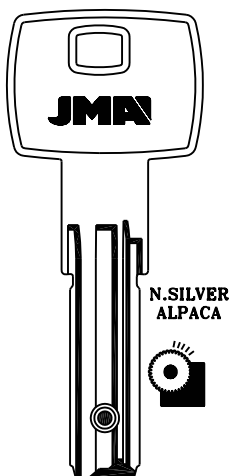


DOM-37D
DM110

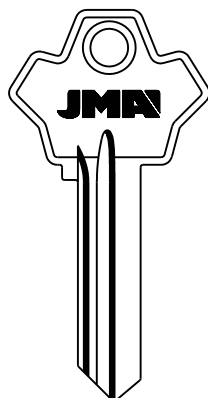


DOM-55D
DM25

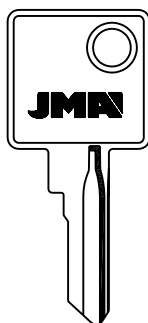
DOM



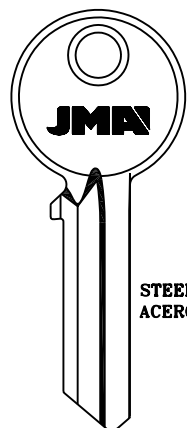
DOM-B1



DUR-1D



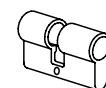
ELP-1



ER-1D
ER5



EUL-1D



JMA

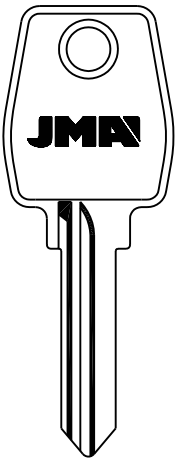

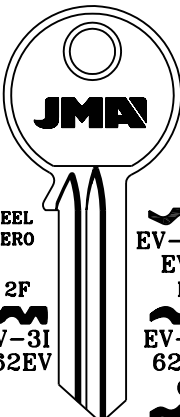
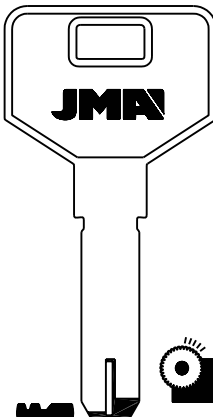

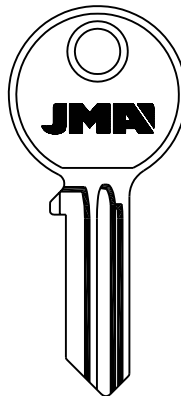

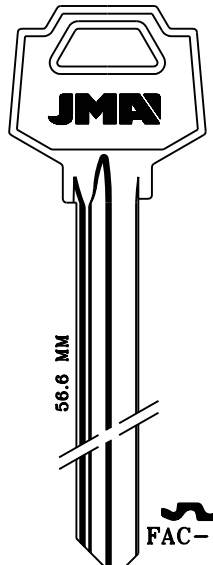
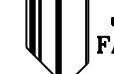
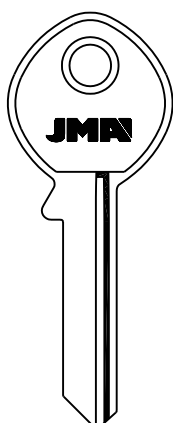

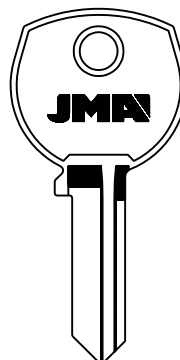

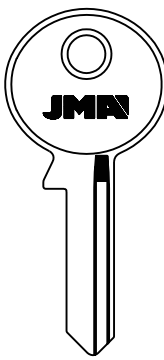

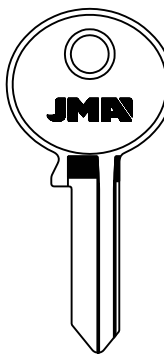
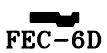
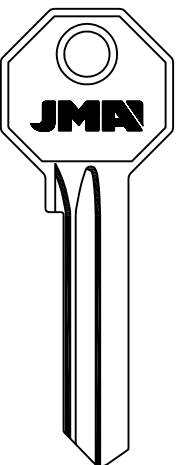

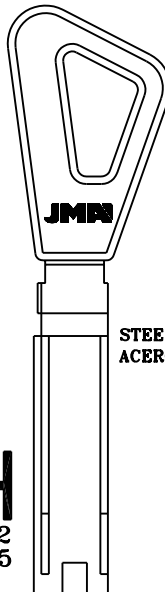

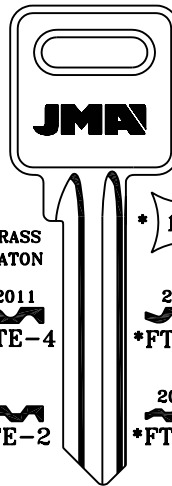
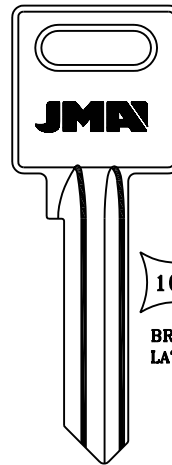
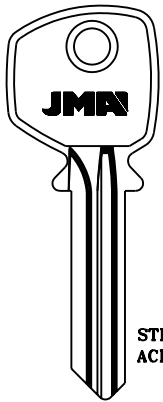

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INTERNA
TIONAL

EURO LOCKS		EVVA	EZCURRA	F.F.	FAC
  EU-1		 STEEL ACERO 2F EV-3I R62EV EV-13D EV4 F EV-3D 62EV C EV-2 EVA1R A EV-1 EV6	 EZ-DS15R  EZ-DS15	 FF-12D  FF-3	 56.6 MM  FAC-14D
FAMA		FECHADURA			FERP
  FAM-1		  FEC-4D STAM	  FEC-5 STAM	  FEC-6D STAM	  FRP-1D
FICHET		FORTE		FTH	
 STEEL ACERO  FIC-2 FCT45		 **BRASS LATON 2011 *FTE-4 FTE-2 **FTE-1 **FTE-1D FTE-3 FTE-3D	 100 2005 *FTE-4D 2009 *FTE-2D 100 BRASS LATON	 STEEL ACERO  FTH-1 FT1	

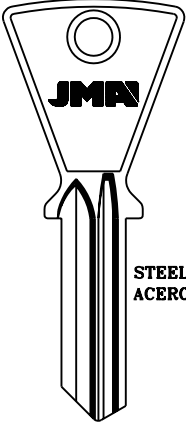
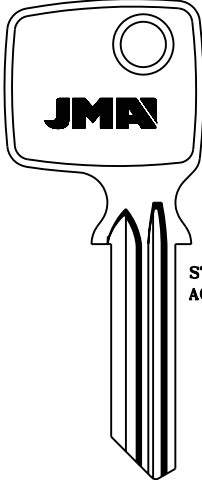

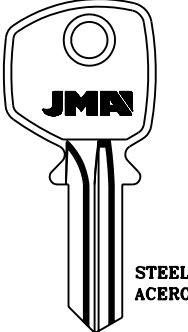
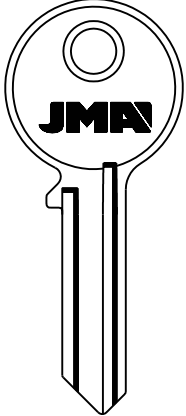







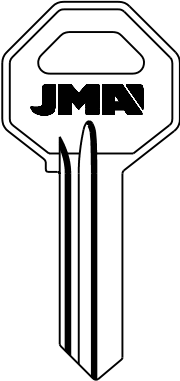
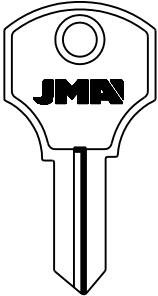
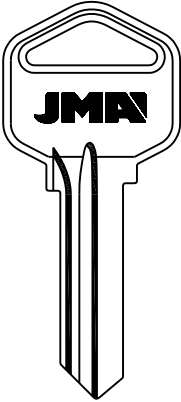
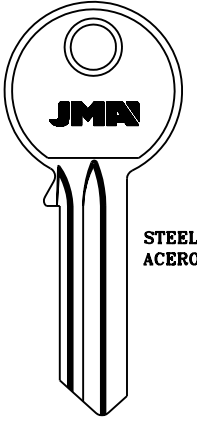






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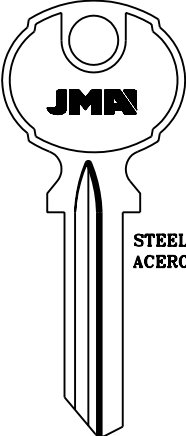
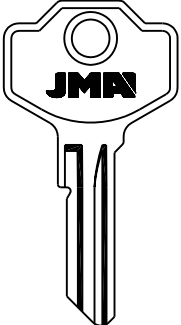
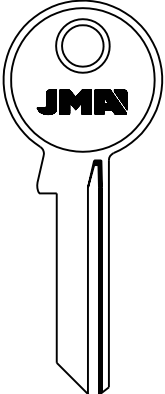
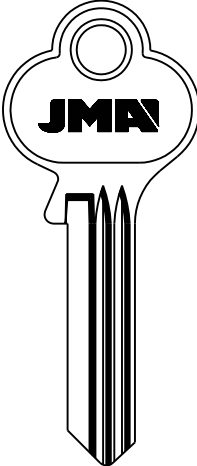
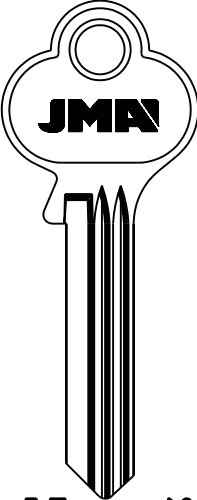





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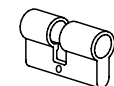
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

FTH				GATO
				
STEEL ACERO	STEEL ACERO	N.SILVER ALPACA	STEEL ACERO	
				
FTH-3 FTH5	FTH-4 FTH6	FTH-7	FTH-15 FTH4	GAT-1

GATO			GE-GE	
				
			STEEL ACERO	STEEL ACERO
				
GAT-2D	GAT-3D	GAT-4D	GE-1D GE5	GE-21D GE6

GIBBONS	GIUSSANI	GLOBE		
				
STEEL ACERO				
				
GIB-1D 1033G	GIU-1 SIM2	GLO-1I GLO-1D	GLO-2 GLO-2D	GLO-3 GLO-3D



JMA

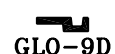
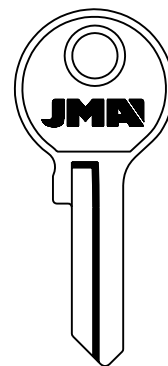
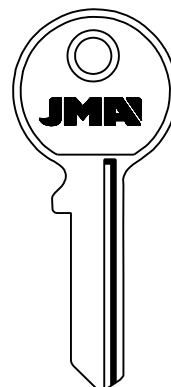
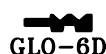
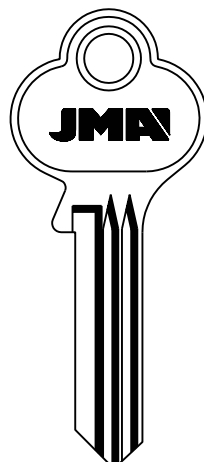
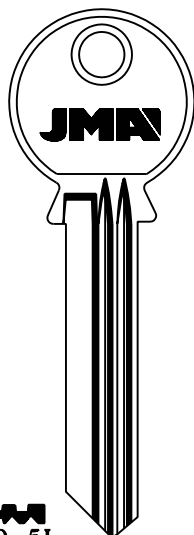
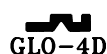
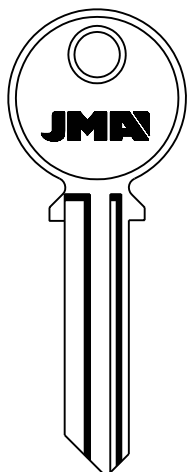
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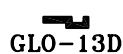
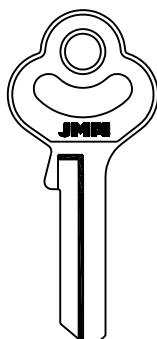
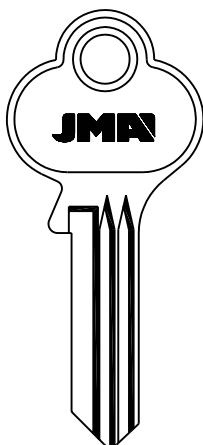
Attention: Concerning the marks
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commerciales voir la note dans
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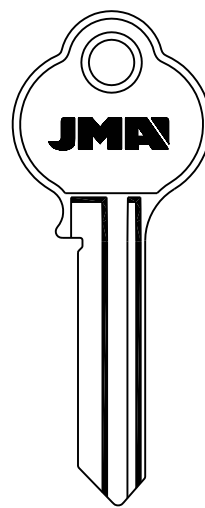
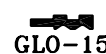
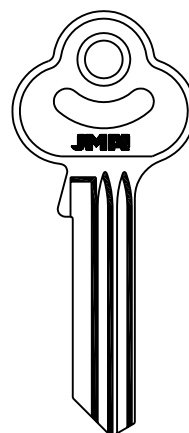
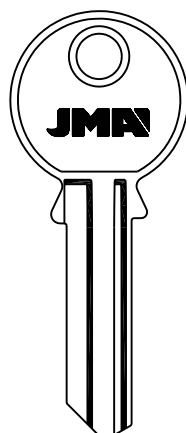
GLOBE



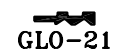
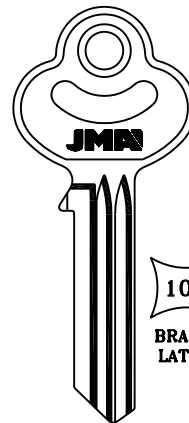
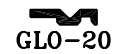
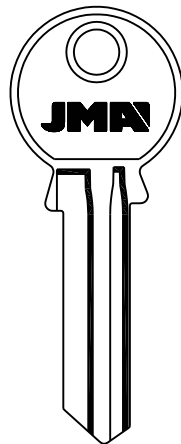
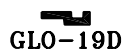
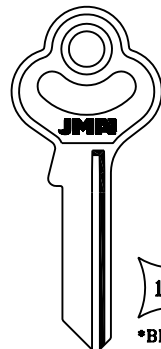
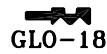
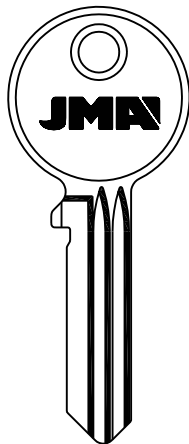
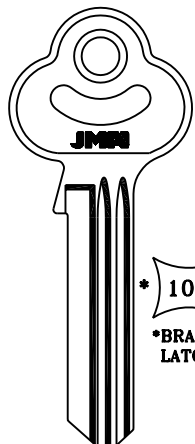
GLOBE



DEXTER



GLOBE



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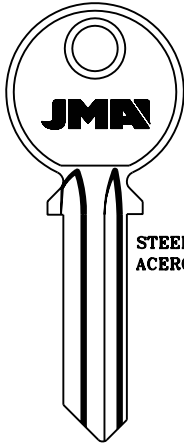

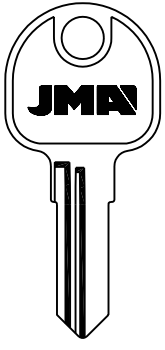






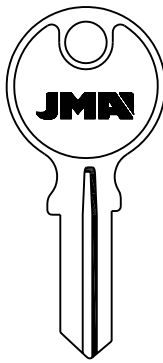





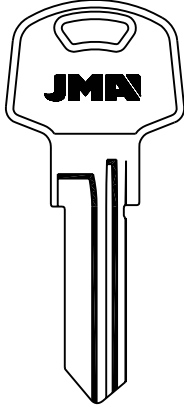


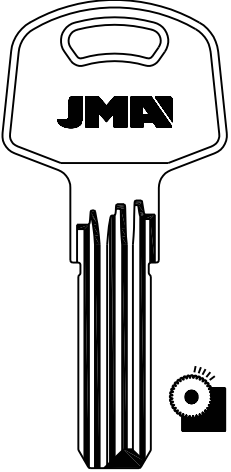


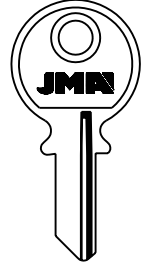






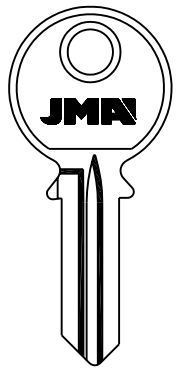


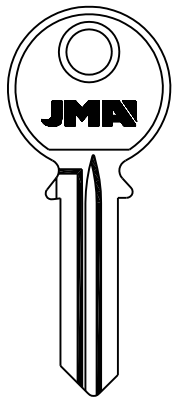


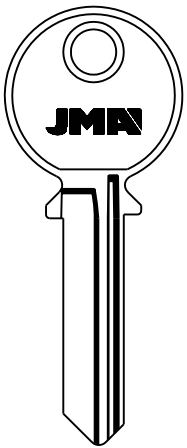



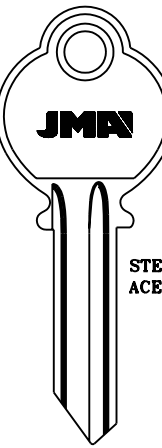



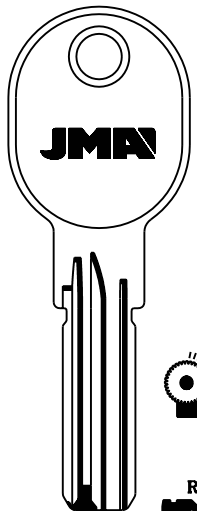

Attention: Concerning the marks
and commercial denominations
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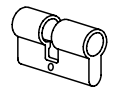
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

* 100
*BRASS
LATON

100
*BRASS
LATON

100
BRASS
LATON

GUERVILLE		HAFELE		HENDERSON	HUWIL
  STEEL ACERO  GR-21 GU91F  GR-2D GU91G  GR-11 GU4  GR-1D GU4R  GR-3I GU3  GR-3D GU91B	  STEEL ACERO	  STEEL ACERO  HAF-2  HAF-2D 1670	  STEEL ACERO  HEN-1 HN2	  STEEL ACERO  N HUW-N HU3	
IFAM					
  N.SILVER ALPACA  IF-3.P	  STEEL ACERO  IF-5	  STEEL ACERO  IF-6	  STEEL ACERO  IF-120	  STEEL ACERO  IF-I25 IF2  IF-D25 IF2R	
IFAM			ILARGI	ISEO	
  STEEL ACERO  IF-35 IF3S	  STEEL ACERO  IF-45/55 IF3L	  STEEL ACERO  IF-160/70  IF-60/70	  STEEL ACERO  IL-11 IG1R  IL-1D IG1	  STEEL ACERO  R6 IS-6D	



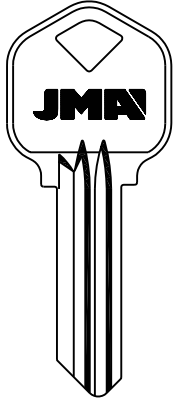


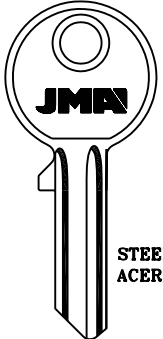
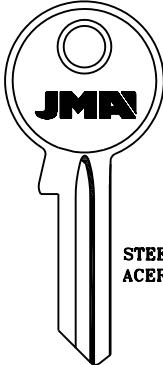


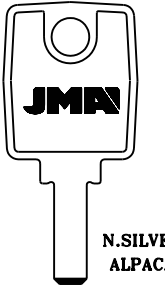




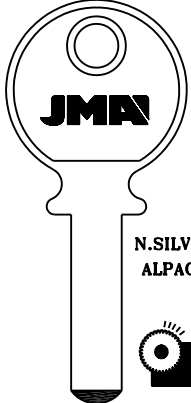
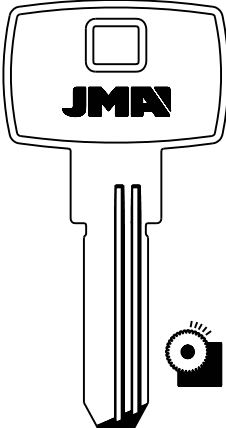
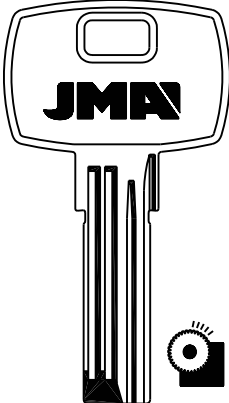
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commerciales voir la note dans
l'index.

JEN-WEI	JIS	JOWIL		JUNIE
				
JEN-1	JIS-2I JI1	JW-2D R62X	JW-6 J091C	JUNI-2D JN2
KABA				
				
7.85 2 8 KA-1 KAB1	7.9 2.5 20 KA-2 KAB3	6.75 2.45 KA-3 KA5SI	4.3 1.45 KA-5 KA8-SI	7.85 2 KA-6
MICRO KABA				
KABA			KALE	
				
7.9 2.45 KA-8	6.80 2 KA-10	6.70 2 KA-11	KAE-1	KAE-2



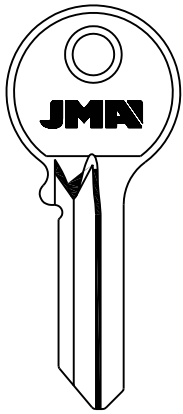
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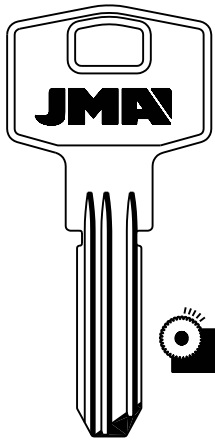
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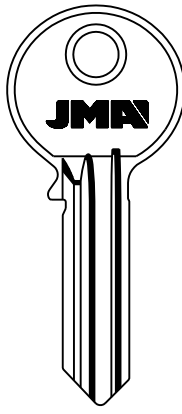
KALE



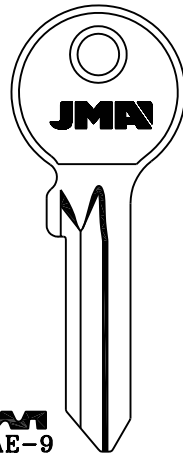
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KAE-4

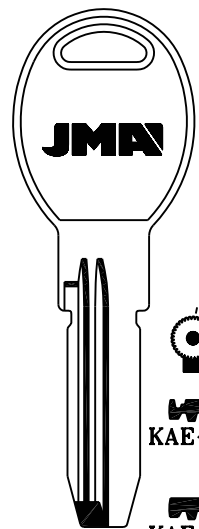


KAE-5



KAE-9

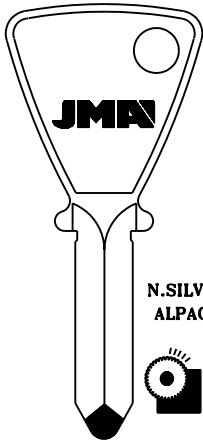
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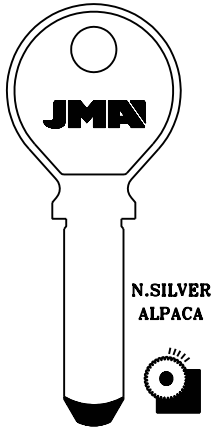
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KAE-11D

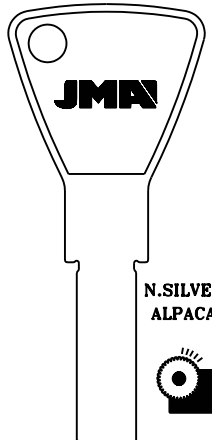
KESO



KE-1

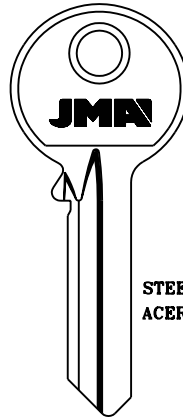


7.6 2.45
2000
KE-3
KE3SI



7.6 2.45
2000
KE-4

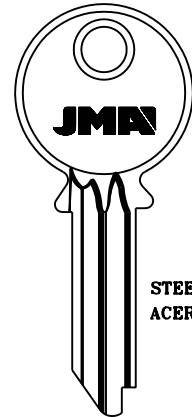
KFV



STEEL
ACERO

KFV-1
KFV1

LAPERCHE



STEEL
ACERO

LAP-1
LE1

LAPORTE



STEEL
ACERO

LPO-1
LAP2



STEEL
ACERO

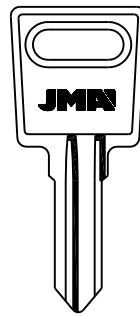
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LAP1

LAS



STEEL
ACERO

LAS-1D
L2EX



FH
LAS-FH
L6S

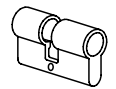
FM
LAS-4
L6FM



STEEL
ACERO

LAS-KT
L4RM

LAS-6D
L4A1



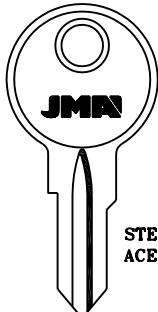
















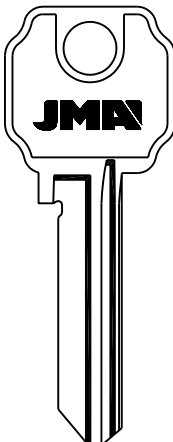
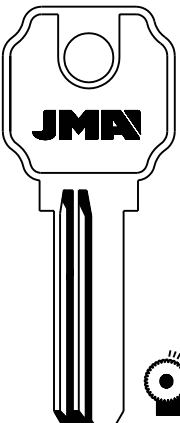







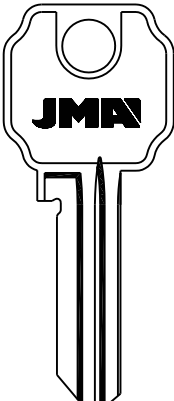
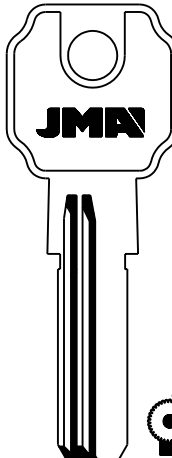

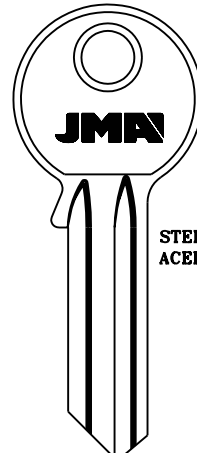









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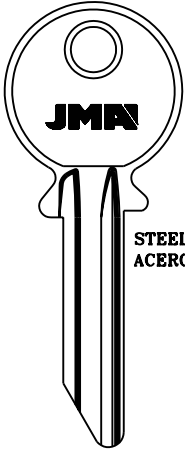
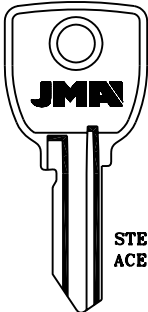
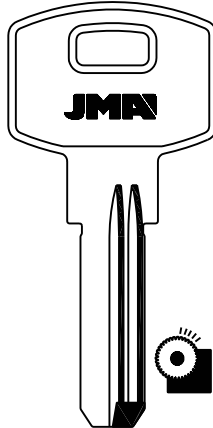
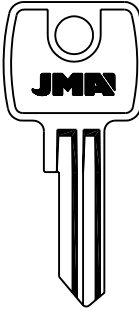
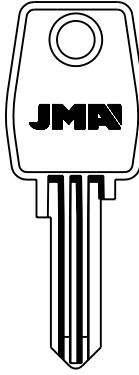






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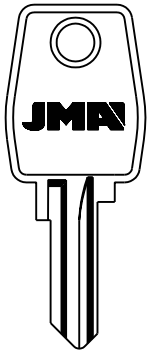
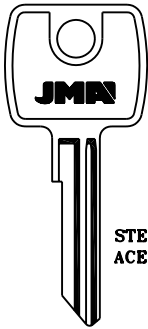

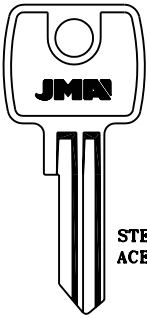






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l'index.

LAS		LÅSBOLAGET		LEGGE	LINCE									
<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>LASB-3D LS33</div>	<div></div> <div>LASB-2 LS10</div>	<div></div> <div>LASB-2D LS11</div>	<div></div> <div>LAS-XY L3XY</div>	<div></div> <div>LAS-TX L3TX</div>	<div></div> <div>LASB-1 LS18</div>	<div></div> <div>LASB-1D LS19</div>	<div></div> <div>LEG-1D 62LG</div>	<div></div> <div>LIN-1I LC1</div>	<div></div> <div>LIN-1D LC2</div>	<div></div> <div>LIN-3I LC8</div>	<div></div> <div>LIN-3D S1096G</div>	
LINCE														
<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div>	<div></div> <div>JMA</div>	<div></div>	<div></div> <div>LIN-5I LC5R</div>	<div></div> <div>LIN-5D LC5</div>	<div></div> <div>LIN-6D LC4</div>	<div></div> <div>LIN-7D LC3</div>	<div></div> <div>LIN-10I</div>	<div></div> <div>LIN-13</div>			
LINCE					LIPS				LITTO					
<div></div> <div>JMA</div>	<div></div> <div>JMA</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div> <div>JMA</div> <div>STEEL ACERO</div>	<div></div>	<div></div> <div>LIN-15D</div>	<div></div> <div>LIN-19D</div>	<div></div> <div>LIP-2 LP29</div>	<div></div> <div>LIP-2D LP29R</div>	<div></div> <div>LIP-33 LP7</div>	<div></div> <div>LIP-33D LP7R</div>	<div></div> <div>LIT-1I LT3</div>		

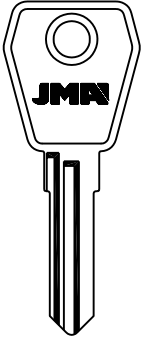
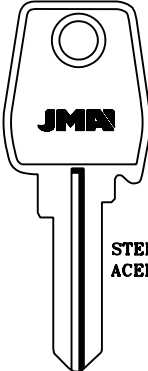

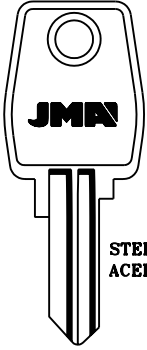
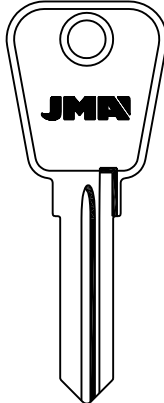








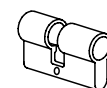
LITTO	LOCKWOOD	LOTUS	LOWE & FLETCHER	
 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>			
 LIT-5I LT2	 LWO-8 24B-AUS	 LOT-1  LOT-1D	 LF-1I LF1	 LF-2 LF7 EURO LOCKS

LOWE & FLETCHER

	 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>
 LF-4I LF16	 LF-5 LF14	 LF-8 LF23	 LF-15 LF19	 LF-20 C209

LOWE & FLETCHER

	 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>	 <p>STEEL ACERO</p>	
 LF-21	 LF-24 LF9	 LF-40 LF20S  LF-25 LF20	 LF-27 LF10	 LF-42 LF24




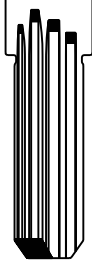





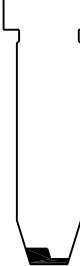








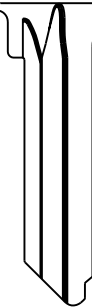











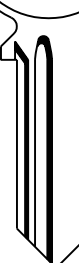


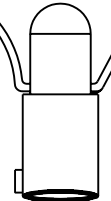


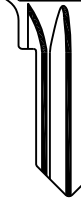





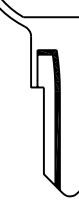


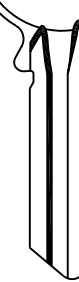


JMA

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Atención: Concerniente a las
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comerciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

MAGNUM	MCM				
<div>   MAG-1D</div>	<div>  STEEL ACERO  MCM-1 MCM1</div>	<div>  N.SILVER ALPACA  4SS MCM-4SS</div>	<div>  STEEL ACERO  MCM-6 MM2</div>	<div>   4SE MCM-10</div>	
MCM					MECO
<div>   MCM-12D</div>	<div>   MCM-13D</div>	<div>   E8 MCM-16</div>	<div>   C MCM-24C</div>	<div>  STEEL ACERO  MEC-5D ME11</div>	
MERONI			METEOR	MG (MONTI)	
<div>   ø10 ø8 MER-1T</div>	<div>   MER-16D ME2</div>	<div>  STEEL ACERO  MER-17 ME3</div>	<div>  STEEL ACERO  MT0-1 MO1</div>	<div>  STEEL ACERO  MGA-1 MG91N  MGA-1D MG91C</div>	

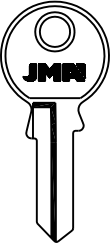

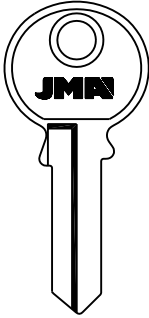
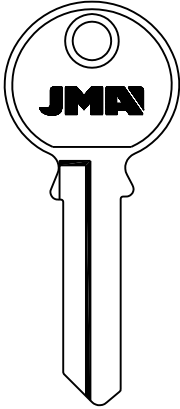
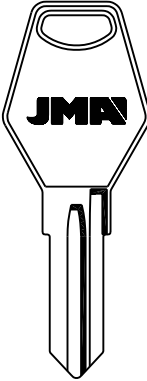






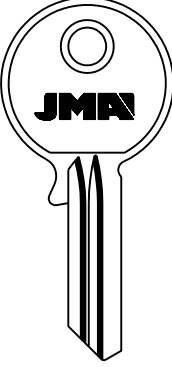
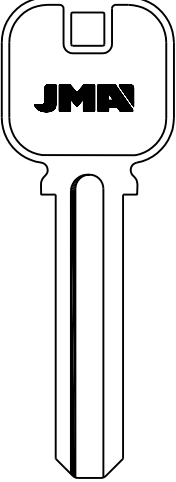

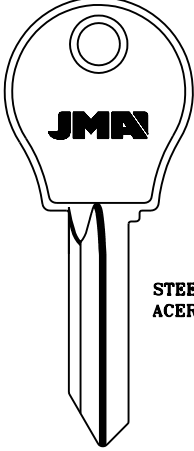




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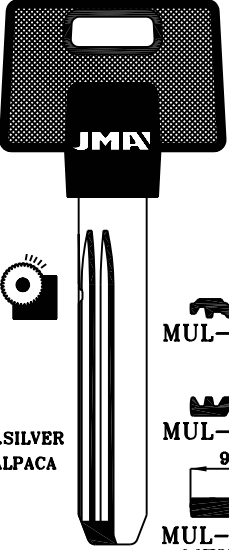
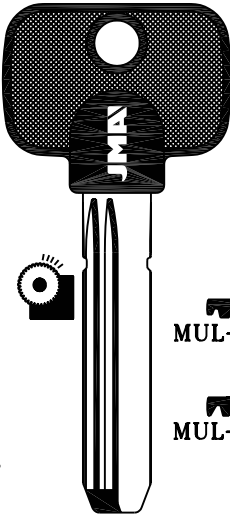
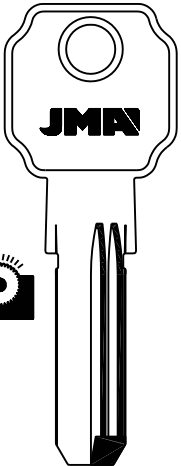
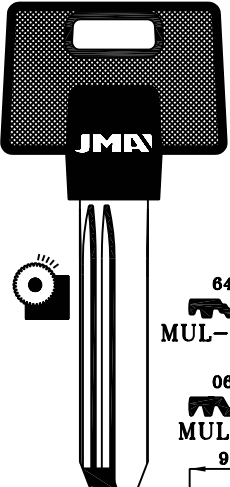










Atención: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

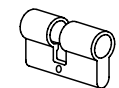
Attention: Concerning the marks and commercial denominations see note in index.

Attention: Concernant les marques et dénominations commerciales voir la note dans l'index.

MG				MINGO
				
				
MGG-1	MGG-2	MGG-3	MGG-4	MNG-1
MGG-1D	MGG-2D	MGG-3D	MGG-4D	

MING-TAY	MIWA	MLM	MONOBLOC
			
			
MIN-1D	MIW-2	MLM-5	MNO-1D
	MIW2		MB1

MULT. T. LOCK			
			
			
MUL-T5.P	MUL-T8.P1	MUL-T12	MUL-T14.P
			
MUL-T4.P	MUL-T3.P1	MUL-T12D	MUL-T13.P
			
MUL-T2.P			MUL-T15.P
MTK2P			
N.SILVER ALPACA			
GAMMA	GAMMA		GAMMA



JMA

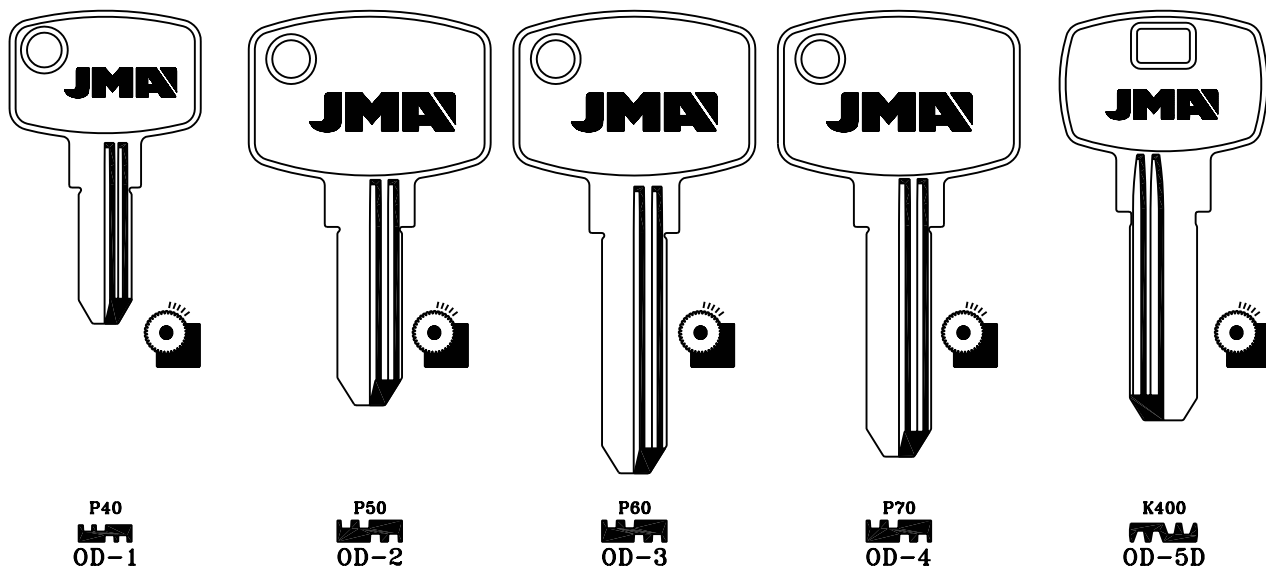
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comerciales ver nota en índice.

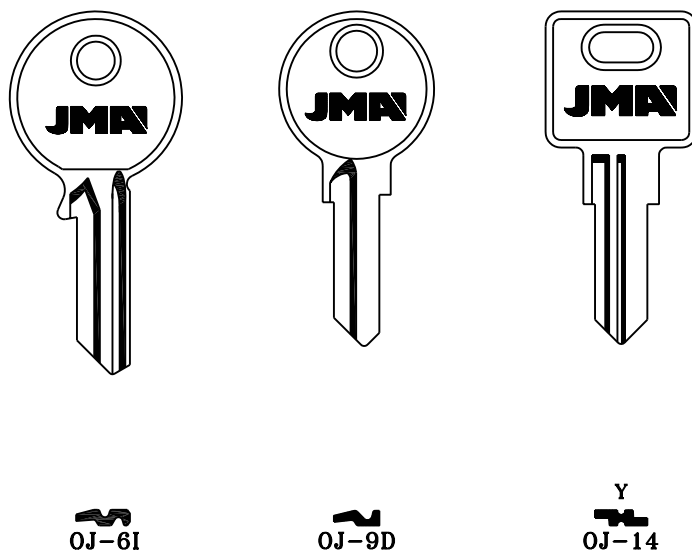
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see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

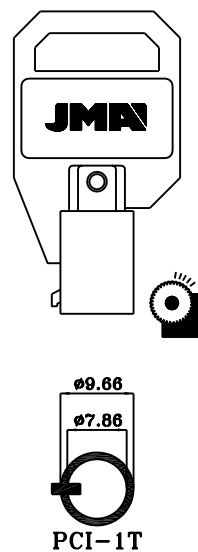
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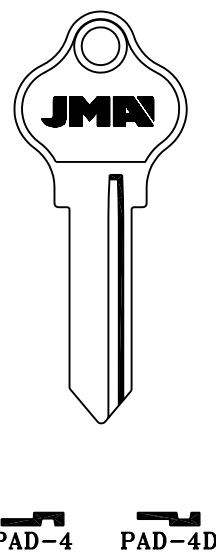
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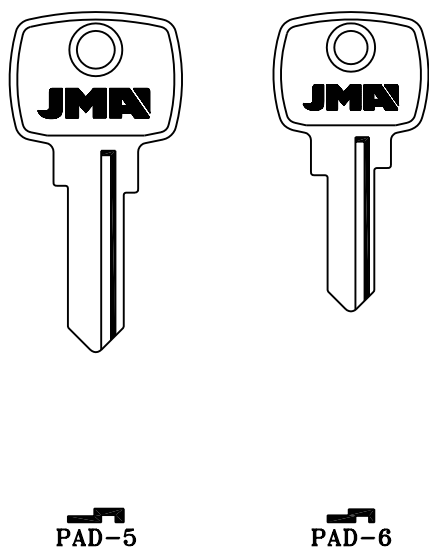
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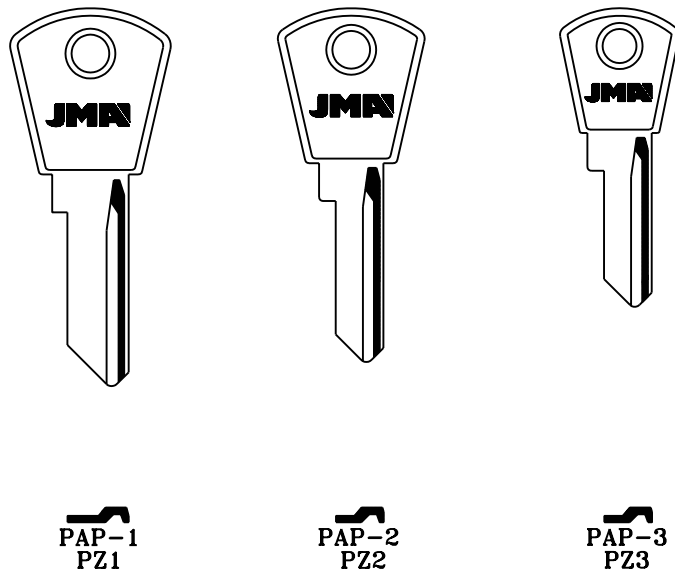
PADO



PADO



PAPAIZ



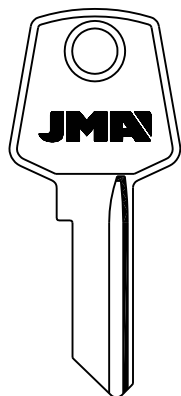
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Atención: Concerniente a las
marcas y denominaciones
comerciales ver nota en índice.

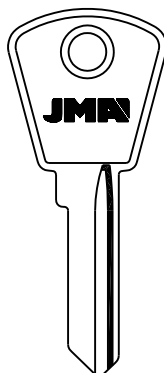
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and commercial denominations
see note in index.

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marques et dénominations
commerciales voir la note dans
l'index.

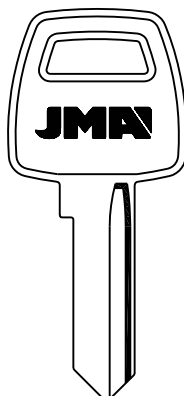
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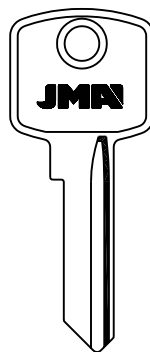
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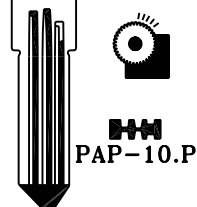
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PAP-8

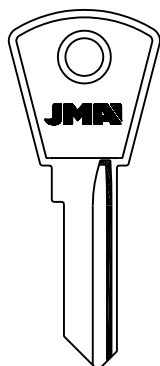


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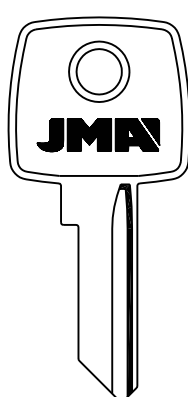


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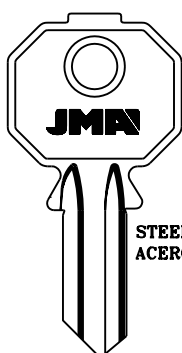
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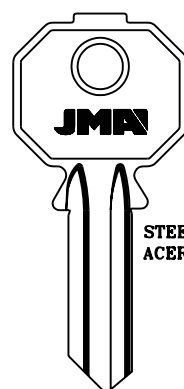
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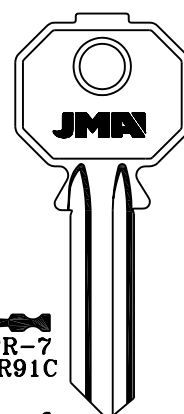
PAP-12



PR-1 SR9P PR-1D S9P



PR-10 PR91CS PR-4I PR-4D PR91NS PR91SA



PR-7 PR91C PR-6 PR-5I PR91A PR-5D PR91N

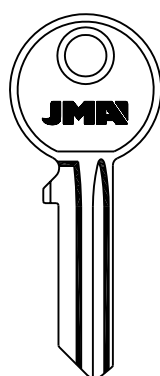
PREFER

PREFER



PR-16 PR91M

RABBIT



RAB-1

REGAL



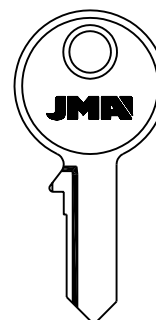
REG-1D RG1

RICOUARD

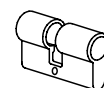


RIO-1D RC1

RONIS



RO-7D V61S



JMA

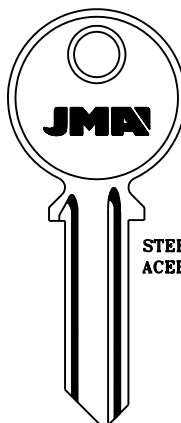
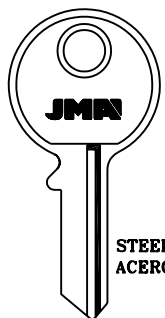
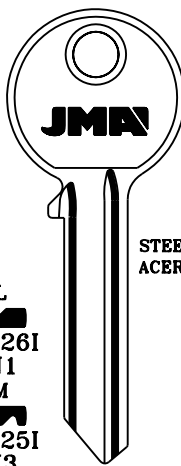

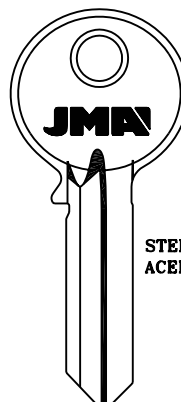


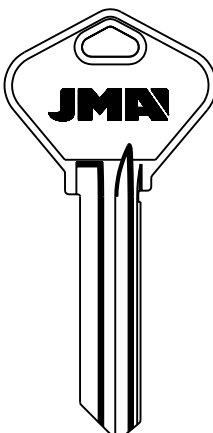








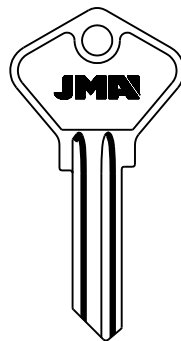
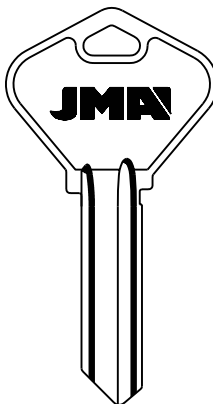
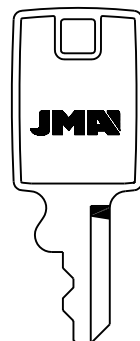






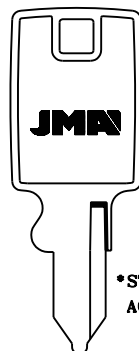



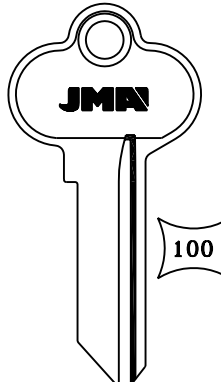
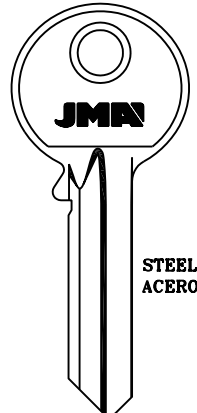
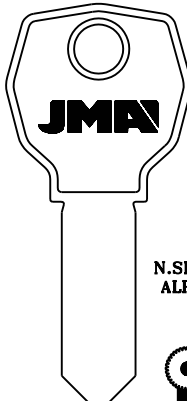


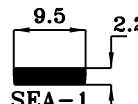
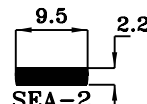
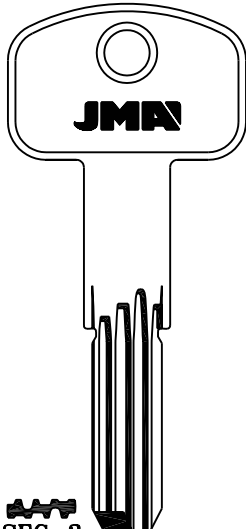
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INTERNA
TIONAL

RONIS					RUKO		SAFE	
 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 FL RO-26I LN1 FM RO-25I LN3		 STEEL ACERO	 RU-2I RK3	 RU-2D 67U	
 RO-10I R61JD	 RO-10D 61JD	 RO-12I RI5	 RO-24I RN4	 RO-24D RN4R	 RU-1D RK1	 SAF-1		 SAF-1D
SAFE				SAMSONITE				
								
 SAF-3	 SAF-3D	 SAF-4	 SAF-4D	 SA-1 170S	 SA-2 80S	 *STEEL ACERO		
				 • SA-4				
				 • SA-3I				
				 SA-3D				
SCANAVINI		SCHLECHTENDAHL		SEA		SECUREMME		
 100	 STEEL ACERO	 N.SILVER ALPACA						
 SCA-1	 SCH-1D SCH1	 9.5 2.2 SEA-1		 9.5 2.2 SEA-2		 SEC-3		
EZCURRA-HASLER-VIDMAR								

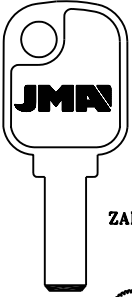


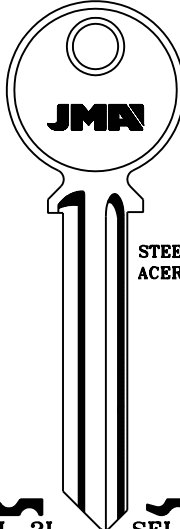
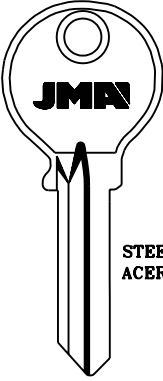
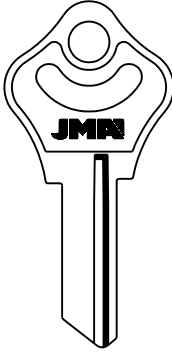





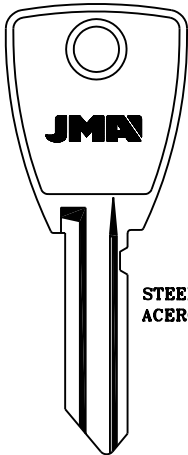

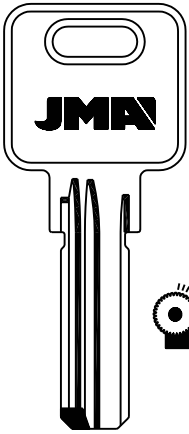
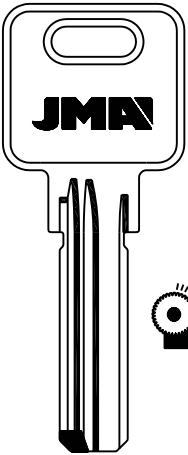


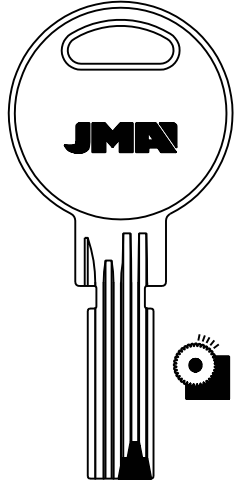








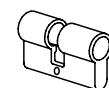
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Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

SECURITAL		SELECT			SHANGAI
 ZAMAK  SCR-1		 STEEL ACERO	 STEEL ACERO	 STEEL ACERO	 SHA-1
		 SEL-1I R65F	 SEL-1D SE91L	 SEL-2I SEL91R	 SEL-2D SEL91
				 SEL-4D SES91	
SIMECA		SIS	SOPRANO		
 STEEL ACERO		 SIS-2 1523	 SOP-3D	 SOP-4D	
 SM-1 SIM10					
 SM-3D SIM9R					
SOPRANO			SOS		
 SOP-5			 STEEL ACERO	 STEEL ACERO	
 SOP-6			 SOS-1D SOS91	 SOS-2D SOS1	
 SOP-7D					



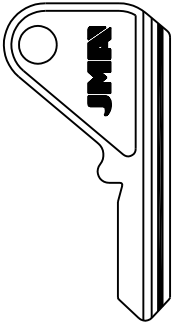
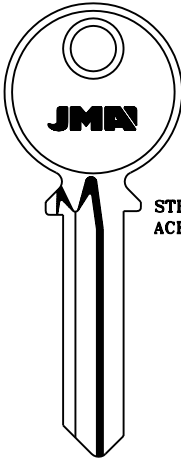
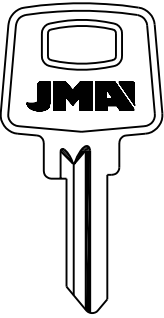






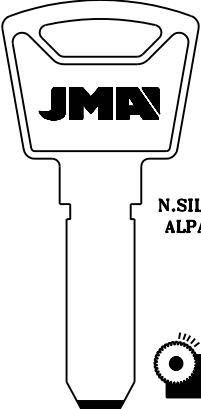
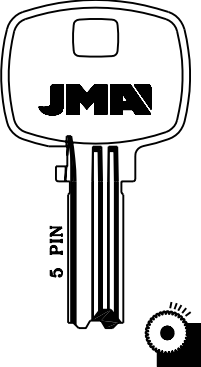

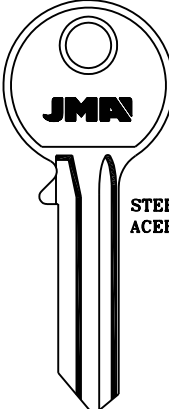



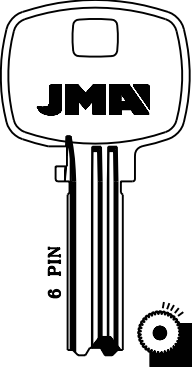





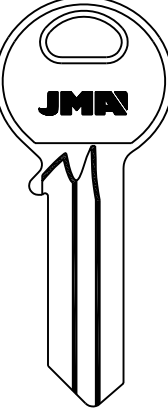
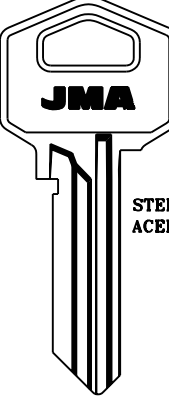





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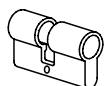
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commerciales voir la note dans
l'index.

SQUIRE		STA-LOCK		STS
	STEEL ACERO		STEEL ACERO	
	STEEL ACERO		STEEL ACERO	
	SQ-2 SQ3		STL-1D STA1	
			STL-2I STA2	STS-4D
STS			STUV	SUREX
	N.SILVER ALPACA			
				
	8.8 2.3			
STS-T14			STUV-3 SV3	SR-1I SU9L
		STS-X5	STUV-1I ST91V	
		STS-X6	STUV-1D ST91F	
SUREX			TEKA	TESA
	STEEL ACERO			
				
	SR-2 SX1			
		SR-4 SX3	20004 TK-2D TEK1	TE-1I TE2
		SR-5 SX4		



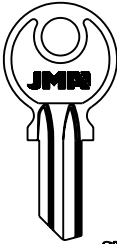
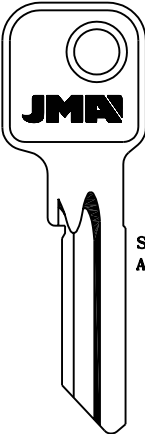
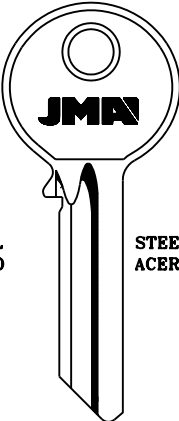
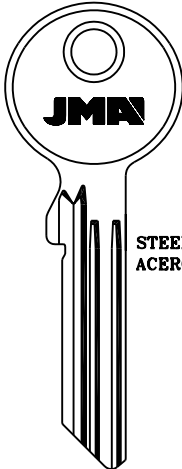





















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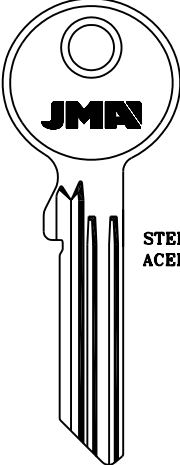
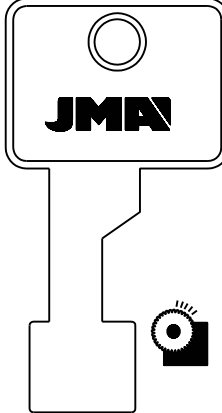

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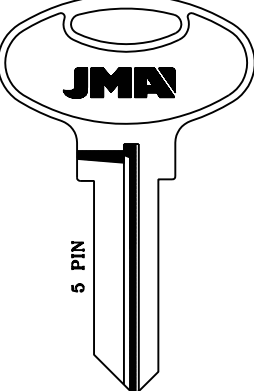
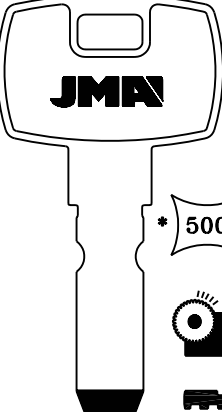
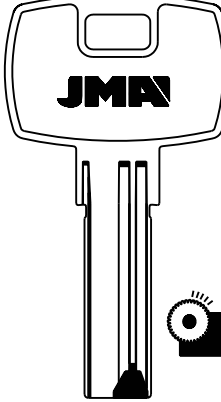
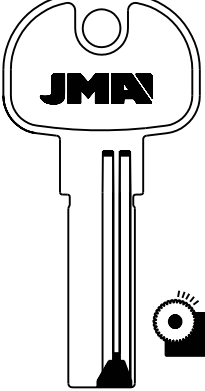
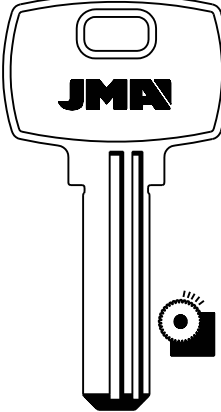
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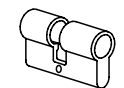
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and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

TICINO		TOK WINKHAUS									
	STEEL ACERO		STEEL ACERO		STEEL ACERO		STEEL ACERO	 X17 TOK-68 TK20	 X18 TOK-69 TK21	 X9 TOK-67 TK12	
								 X15 TOK-49 TK18	 X8 TOK-63 TK11		
								 X3 TOK-46 TK6	 X5 TOK-47 TK8	 X10 TOK-48 TK13	
								 X16 TOK-41 TK19	 X1 TOK-44 TK4	 X2 TOK-45 TK5	
								 X11 TOK-38 TK14	 X12 TOK-39 TK15	 X14 TOK-40 TK17	
								 X13 TOK-8 TK16	 X4 TOK-21 TK7	 X7 TOK-37 TK10	
 TI-1	 TI-1D	 TOK-4D TK41	 TOK-5D T091	SERIE X							

TOK WINKHAUS				TOVER	
 STEEL ACERO	Y13 TOK-72 TK34	Y15 TOK-73 TK36	Y18 TOK-74 TK39	 JMA  JMA N.SLVER ALPACA	
	Y12 TOK-66 TK33	Y4 TOK-70 TK25	Y8 TOK-71 TK29		
	Y16 TOK-55 TK37	Y11 TOK-64 TK32	Y17 TOK-65 TK38		
	Y7 TOK-52 TK28	Y9 TOK-53 TK30	Y10 TOK-54 TK31		
	Y6 TOK-43 TK27	Y1 TOK-50 TK22	Y5 TOK-51 TK26		
	Y3 TOK-22 TK24	Y14 TOK-24 TK35	Y2 TOK-42 TK23		
SERIE Y				TOV-1 TOV-2	

TOVER				
 5 PIN	 * 500	 *TOV-8D	 8.85 2.45	 S1
TOV-3	TOV-4	TOV-5	TOV-6	TOV-7
KWIKSET				



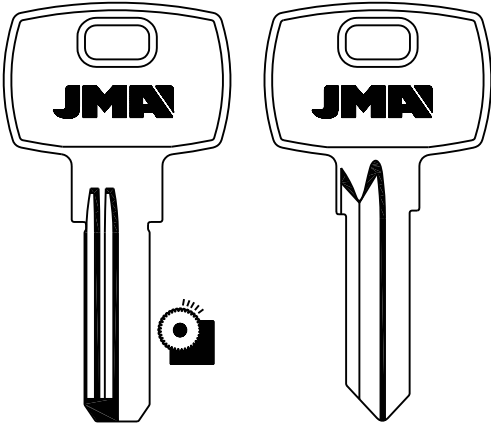
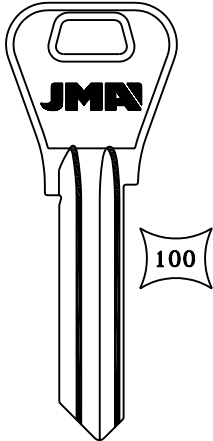

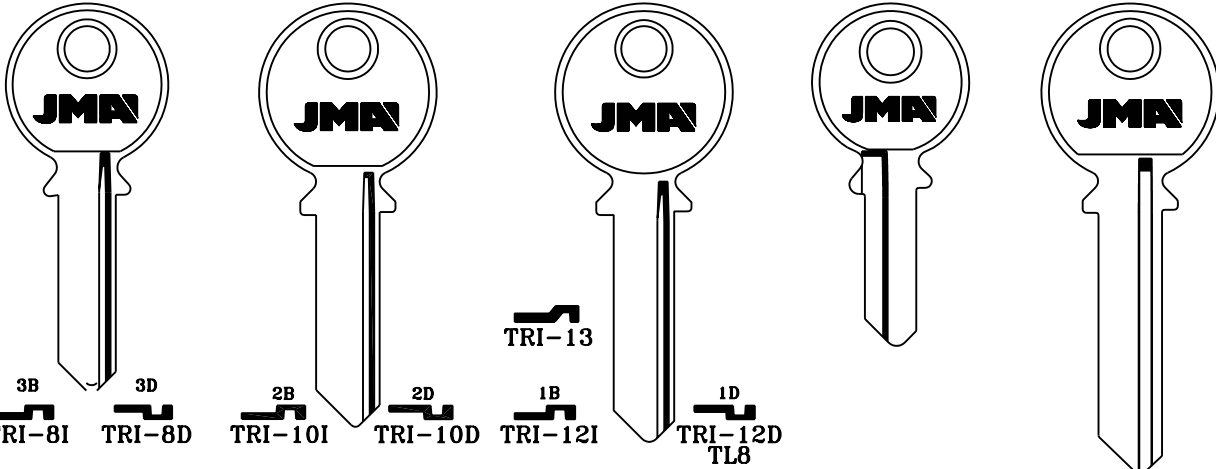
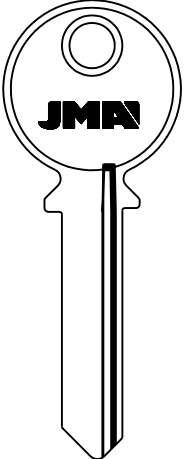

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l'index.

TOVER		TRAVEX	TRI-CIRCLE	
				
TOV-9D	TOV-10D	TRV-1 TRV-1D	TRI-3I TRI-3D	TRI-5I TRI-5D
			TRI-6I TRI-6D	TRI-5I TRI-5D
DEXTER				
TRI-CIRCLE				
				
TRI-8I TRI-8D	TRI-10I TRI-10D	TRI-12I TRI-12D	TRI-17D	TRI-18 TL11R TRI-18D TL11
TRI-7I TRI-7D	TRI-9I TRI-9D	TRI-11I TRI-11D		
TRI-CIRCLE		TRIO-VING		
				
TRI-19 TRI-19D	TV-3D T06	TV-11 T02	TV-12 T01	TV-15D T05



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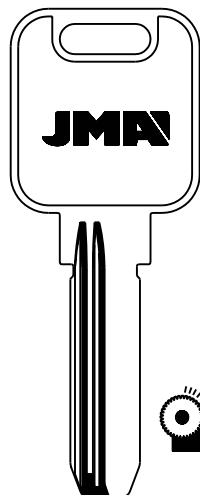
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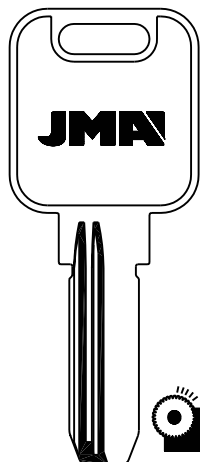
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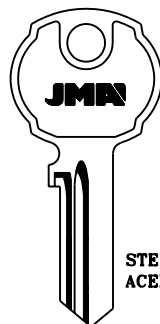
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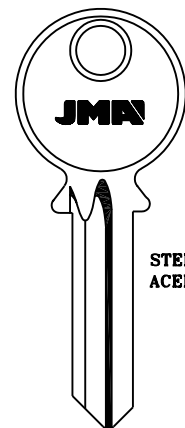
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UCM1

UNION

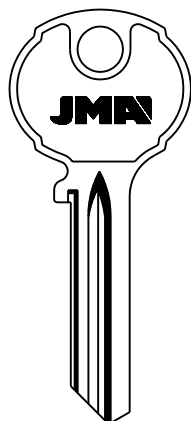


UN-5D
UN5



UN-6D
U180G

UNION



UN-11
1033N



STEEL
ACERO

588
UN-26I
UN66

586
UN-24I
UN64

584
UN-22I
UN68

582
UN-20I
UN62

578
UN-17I
UN83

574
UN-13I
UN80

589
UN-27I
UN69

587
UN-25I
UN67

585
UN-23I
UN63

583
UN-21I
UN60

581
UN-19I
UN61

575
UN-14I
UN81



STEEL
ACERO

909
UN-27D
UN59

907
UN-25D
UN57

905
UN-23D
UN53

903
UN-21D
UN50

901
UN-19D
UN51

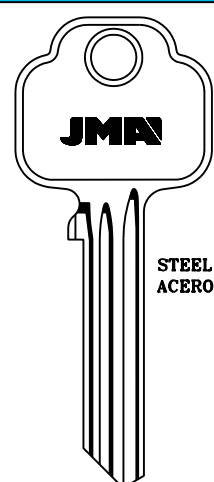
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UNION



STEEL
ACERO

574
UN-29I
UN80L

588
UN-42I
UN66L

586
UN-40I
UN64L

584
UN-38I
UN68L

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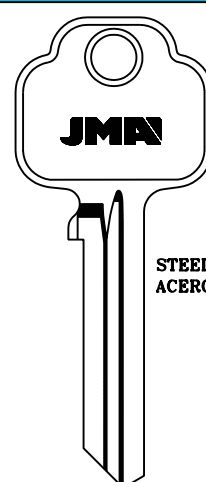
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UN-31I
UN82L



STEEL
ACERO

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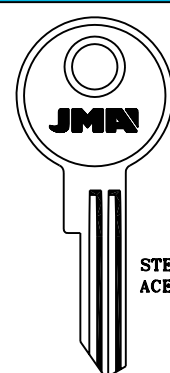
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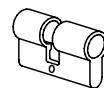
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UN58L

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UN-36D
UN52L



STEEL
ACERO

UN-46D
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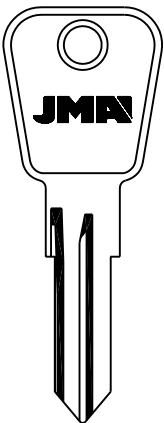
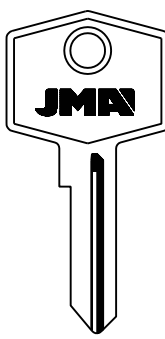
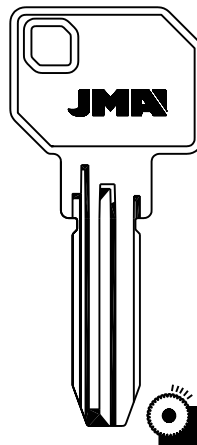


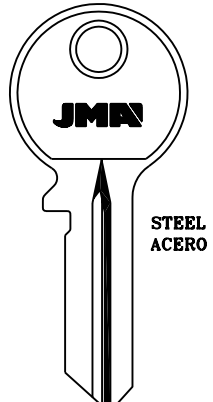
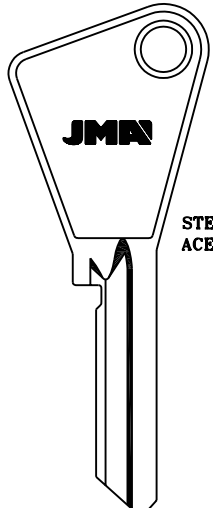






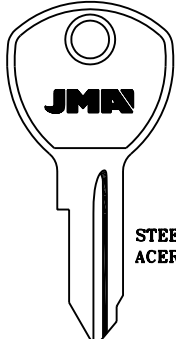
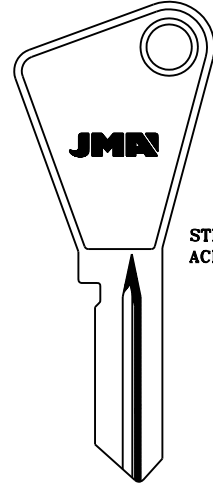
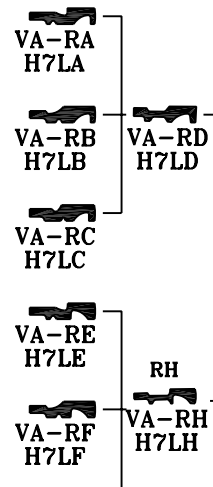













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marques et dénominations
commerciales voir la note dans
l'index.

UNION			URBIS	URKO
 STEEL ACERO		 ASTON MARTIN-BEDFORD B.LEYLAND-FORD-JAGUAR ASTON MARTIN-B.LEYLAND NORTON-TRIUMPH MOTOR.	 URB-3D	 STEEL ACERO URKO-1I UR1 URKO-1D UR1R
URKO		VACHETTE		
 STEEL ACERO URKO-3I UR2	 STEEL ACERO URKO-3D UR2R	 STEEL ACERO VA-1 V91N	 VA-22 H62DM  VA-21 H62CM  VA-19 H62BM  VA-5 VAT1  VA-2 H62KB	 STEEL ACERO VA-3 VAE1
VACHETTE				
 STEEL ACERO VA-13I VC32	 STEEL ACERO VA-13D VC33 VA-4D VC34	 STEEL ACERO VA-8D H10F	 VA-RA H7LA  VA-RB H7LB  VA-RC H7LC  VA-RE H7LE  VA-RF H7LF  VA-RG H7LG  VA-RD H7LD  VA-RH H7LH RH VA-RDH H7LDH	 VA-LA H7RA  VA-LB H7RB  VA-LC H7RC  VA-LE H7RE  VA-LF H7RF VA-LH H7RH VA-LG H7RG



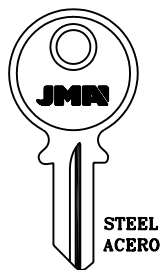
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VACHETTE



STEEL
ACERO

VA-9D
V1S



STEEL
ACERO

VA-12D
VC22



STEEL
ACERO

VA-24I
VCA1R



STEEL
ACERO

VA-24D
VCA1

VA-33D
V91E



STEEL
ACERO

VA-59
VC21

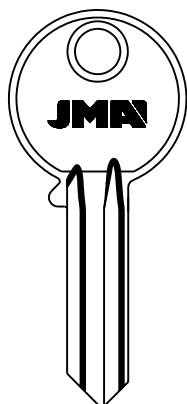
VEGA



STEEL
ACERO

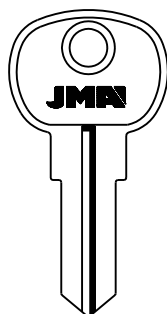
VE-1D
VG2

VERA



VER-1

VER-1D



VER-2D

VIRO



*STEEL
ACERO

*VI-12
VR1

VI-7

VI-11
VR2

VI-1D
VR91R

VI-2I
VR7

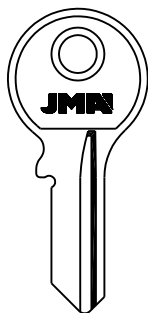
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VR91A

VIRO

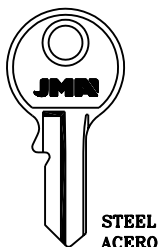


STEEL
ACERO

VI-4I
VR91S



VI-4D
SR191A

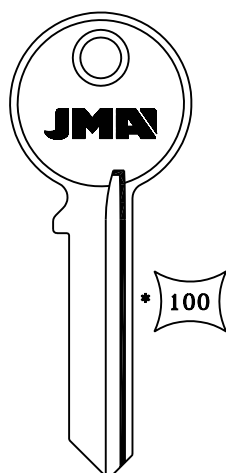


STEEL
ACERO

VI-4IP
VR5

VI-4DP
VR91BR

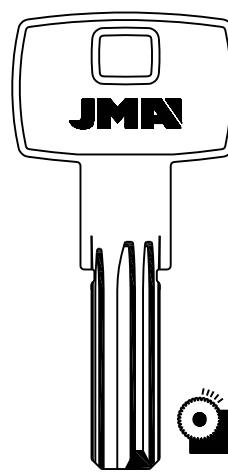
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VR91C



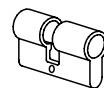
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VI-13

*VI-13D



VI-14



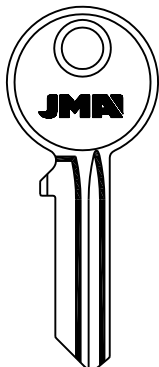











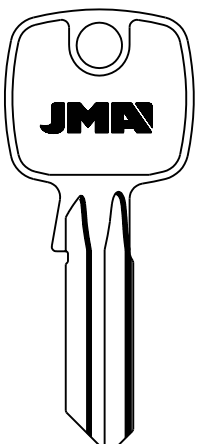
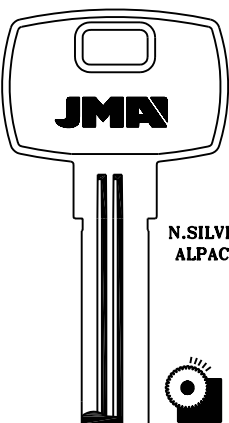



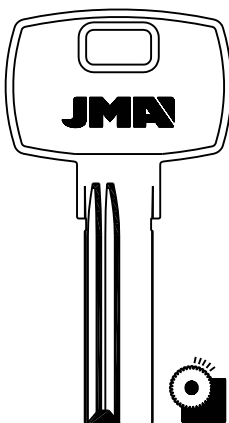

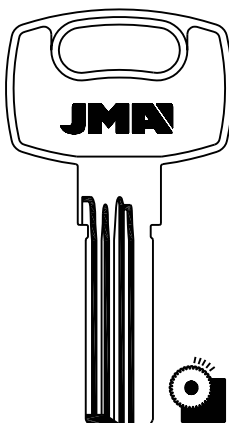

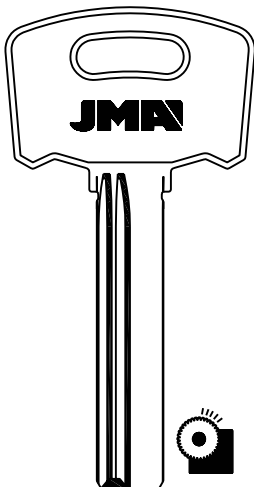
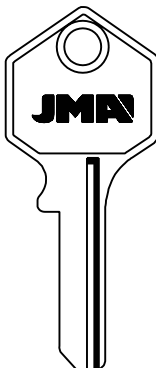

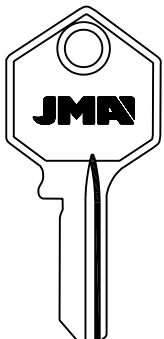







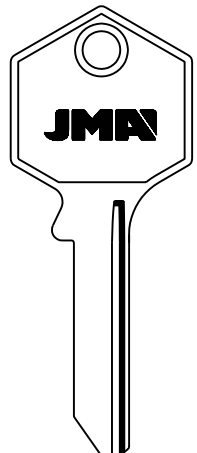


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WAH TUNG		WALLY				WILKA	
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<div> WAH-1<div> WAH-1D</div></div>		<div> WA-4I<div> WA-4D</div><div>WA91WA91W</div></div>		<div> WA-5I<div> WA-5D</div><div>WA91LWA91WL</div></div>		<div> WA-5DP<div>B61Y</div></div>	
WILKA		WINKHAUS		YARDENI			
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<div> WIL-3D<div>WK3</div></div>		<div> WIN-5</div>		<div> YAR-1</div>			
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				<div> YAR-2</div>			
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				<div> YAR-3</div>			
YARDENI		YETI					
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						<div></div>	
						<div> YET-7<div> YET-7D</div></div>	


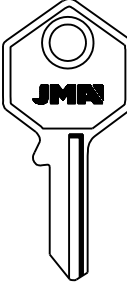

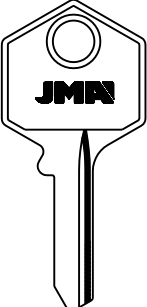


















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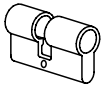
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YETI				ZEISS IKON
				 STEEL ACERO
 YET-8	 YET-8D	 YET-9	 YET-9D	 ZE-5I ZKN1R
 YET-10	 YET-10D	 YET-11	 YET-11D	 ZE-5D ZKN1

ZEISS IKON	ZENI
 STEEL ACERO	 STEEL ACERO
 ZE-K6 S60R	 ZE-K5 S60
	 ZEN-1D ZN1



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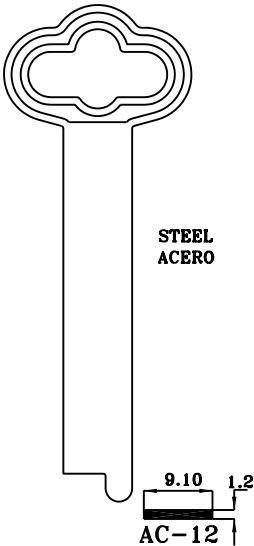
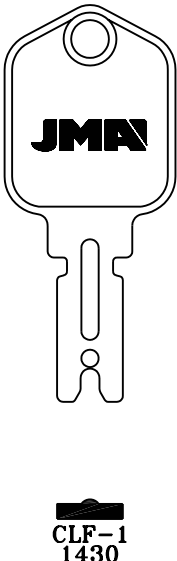
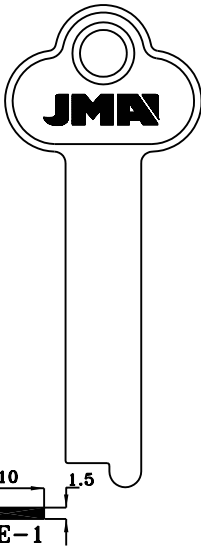
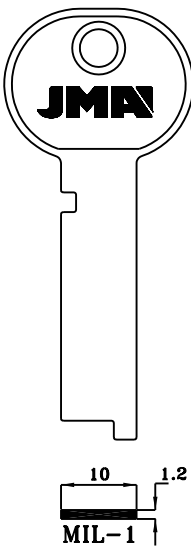
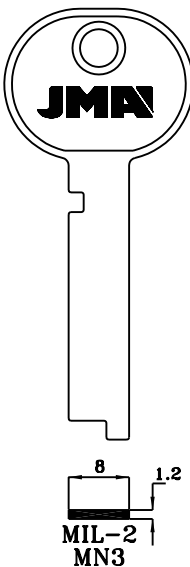
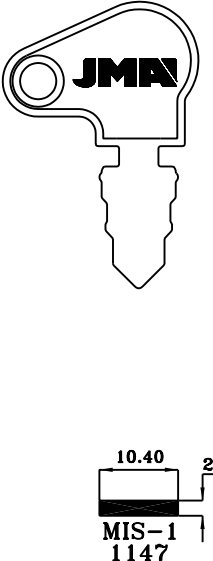
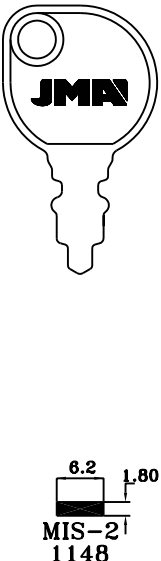
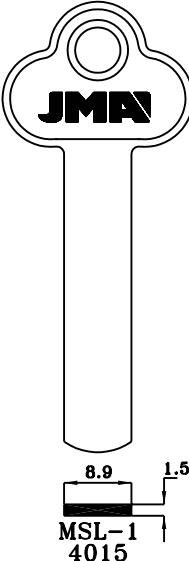
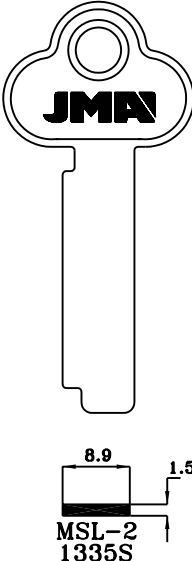
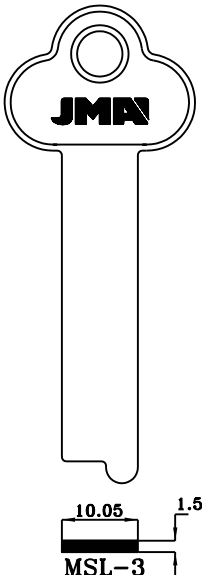
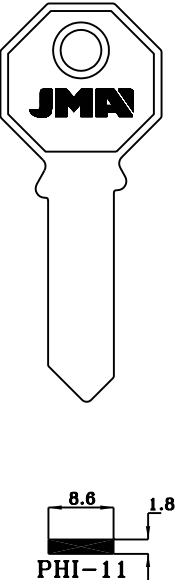
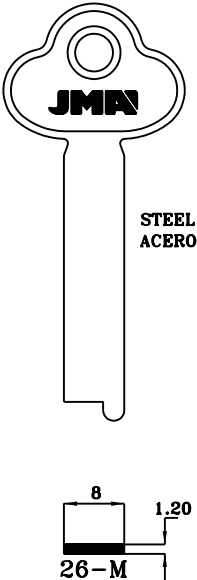
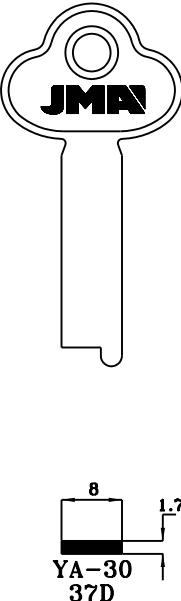
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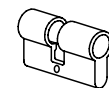
FLAT KEYS

*LLAVES PLANAS
CLÉS PLATES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

	CLARK FORK L.	DIEBOLD	MILES	
 <p>STEEL ACERO</p> <p>9.10 1.2 AC-12</p>	 <p>JMA</p> <p>10 1.5 CLF-1 1430</p>	 <p>JMA</p> <p>10 1.5 DIE-1</p>	 <p>JMA</p> <p>10 1.2 MIL-1</p>	 <p>JMA</p> <p>8 1.2 MIL-2 MN3</p>
MISCELLANEOUS		MOSLER		
 <p>JMA</p> <p>10.40 2 MIS-1 1147</p>	 <p>JMA</p> <p>6.2 1.80 MIS-2 1148</p>	 <p>JMA</p> <p>8.9 1.5 MSL-1 4015</p>	 <p>JMA</p> <p>8.9 1.5 MSL-2 1335S</p>	 <p>JMA</p> <p>10.05 1.5 MSL-3</p>
INDAK-YARD TRACTOR-POLARIS				
PHILLIPS	RIL	YALE		
 <p>JMA</p> <p>8.6 1.8 PHI-11</p>	 <p>JMA</p> <p>STEEL ACERO</p> <p>8 1.20 26-M</p>	 <p>JMA</p> <p>8 1.7 YA-30 37D</p>		



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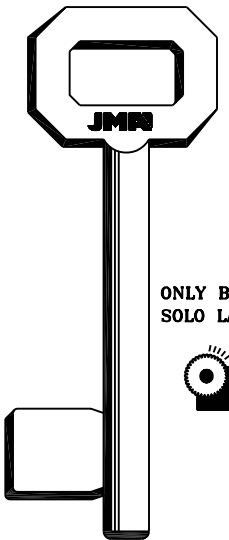

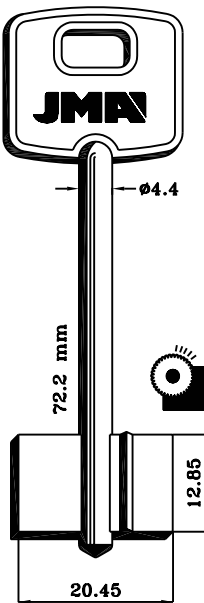
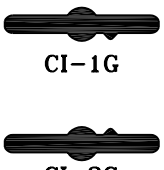
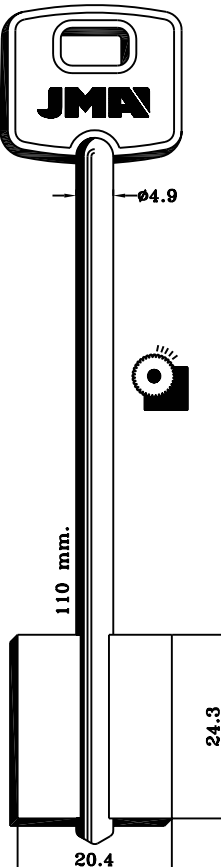
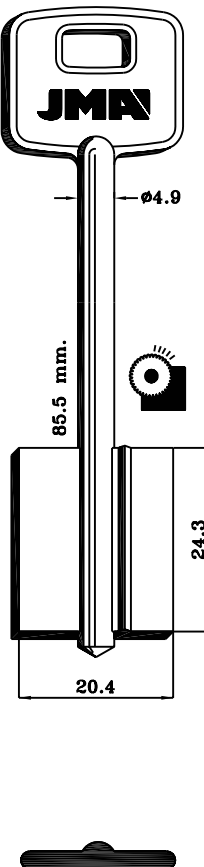
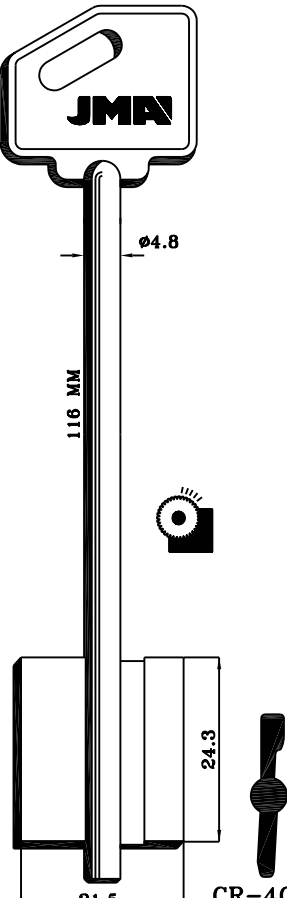
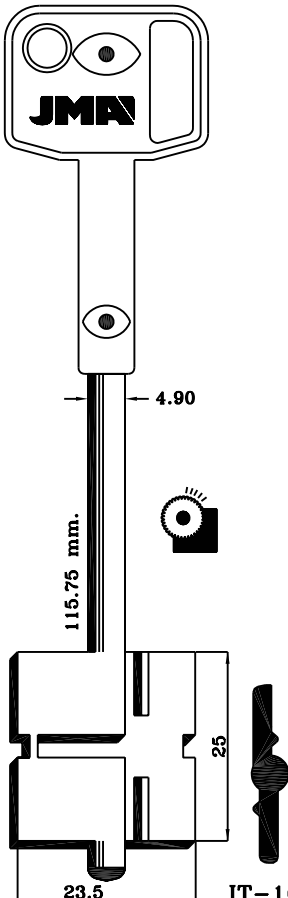
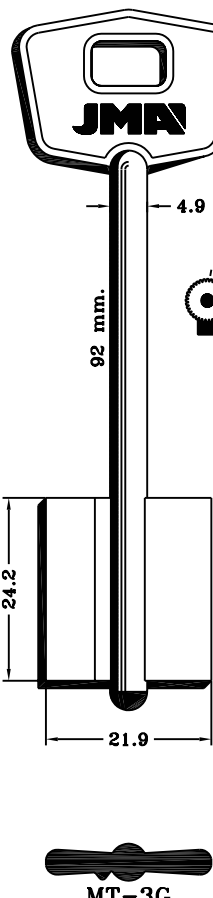
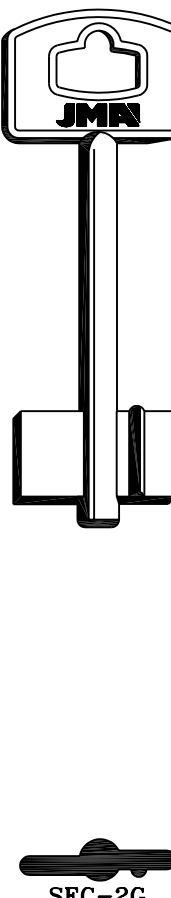
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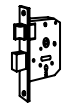
BIT & BARREL

*GORJA
CLÉS Á GORGES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

126 H	CISA		
 <p>ONLY BRASS SOLO LATON</p>  <p>126H-60G</p>	 <p>CI-1G</p>  <p>CI-2G</p>	 <p>CI-3G</p>	 <p>CI-6G</p>
CR	ITAL	MOTTURA	SECUREMME
 <p>CR-4G</p>	 <p>IT-1G</p>	 <p>MT-3G</p>	 <p>SEC-2G</p>



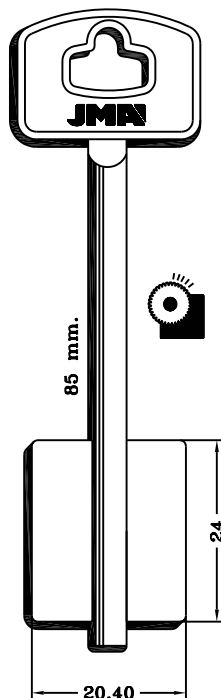

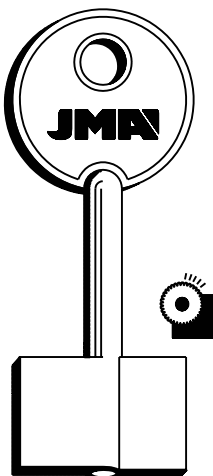

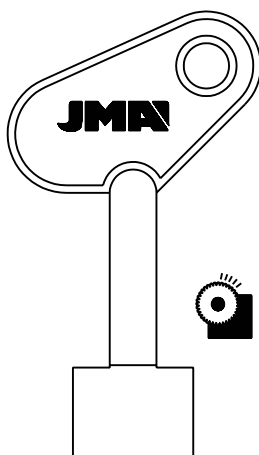

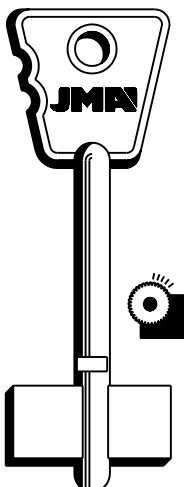

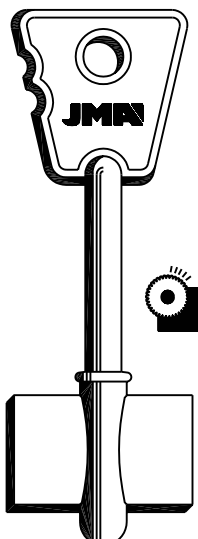
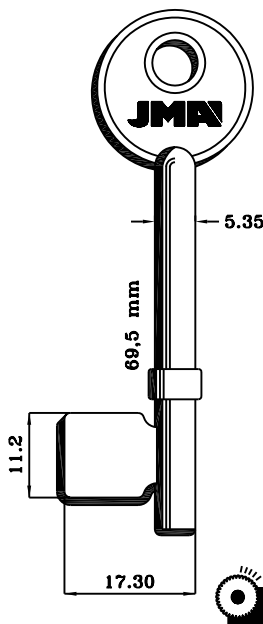
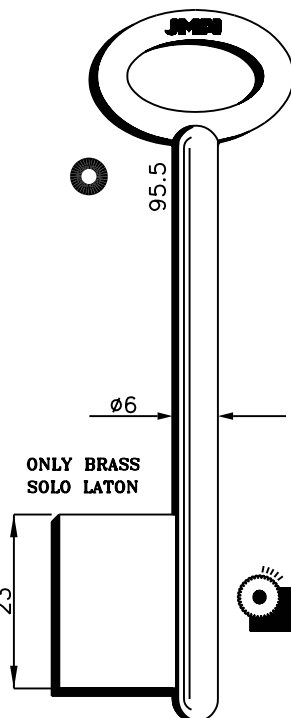
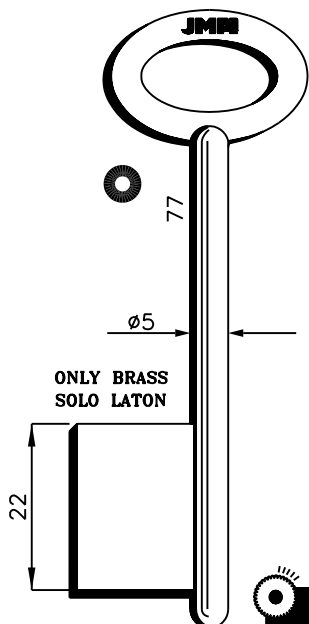
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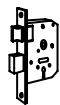
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commerciales voir la note dans
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SECUREMME	SERRALLER	TOVER	TRABEX
<div><p>85 mm.</p><p>24</p><p>20.40</p></div> <div><p>SEC-7G</p></div>	<div></div> <div><p>SER-1G</p></div>	<div></div> <div><p>TOV-1G</p></div>	<div></div> <div><p>TRAB-3G</p></div>
TRABEX	UNION	<div><p>TRAB-4G</p></div> <div><p>5.35</p><p>69.5 mm</p><p>11.2</p><p>17.30</p><p>UN-1G</p></div> <div><div><p>95.5</p><p>Ø6</p><p>ONLY BRASS SOLO LATON</p><p>23</p><p>4G</p></div><div><p>77</p><p>Ø5</p><p>ONLY BRASS SOLO LATON</p><p>22</p><p>15G</p></div></div>	



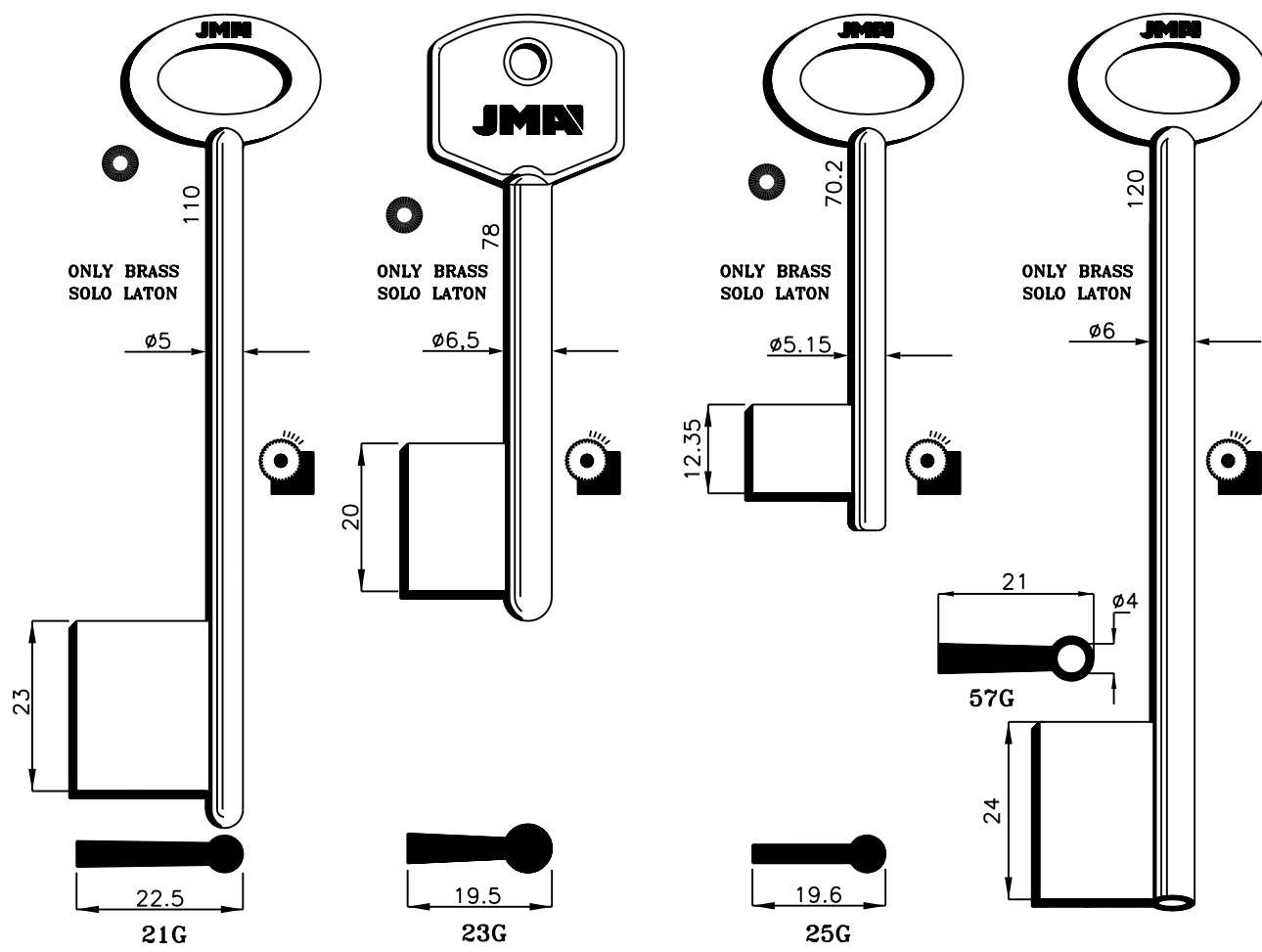
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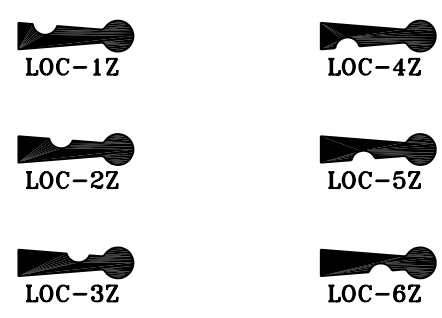
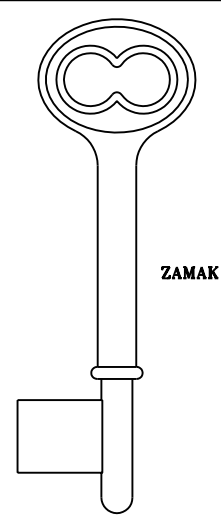
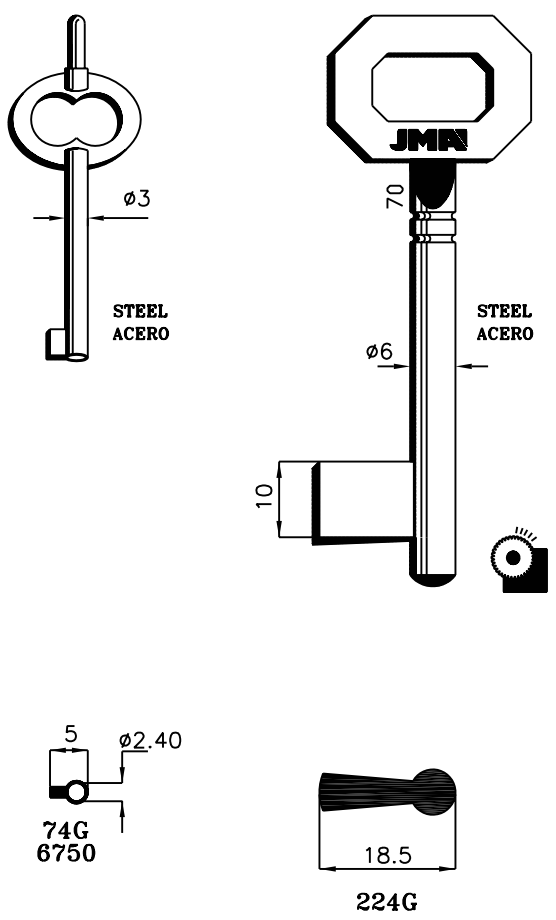
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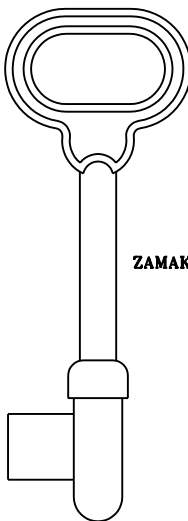
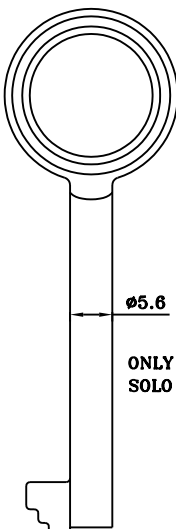
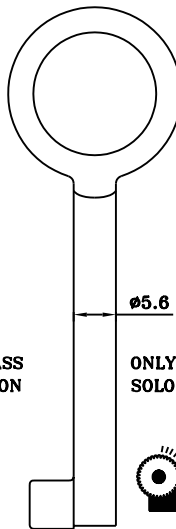
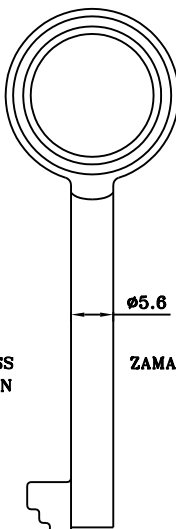
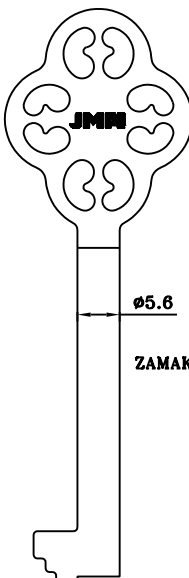


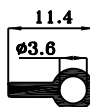

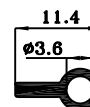
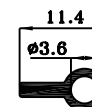




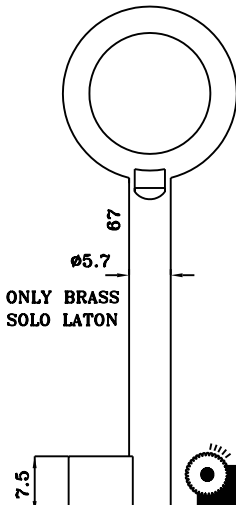
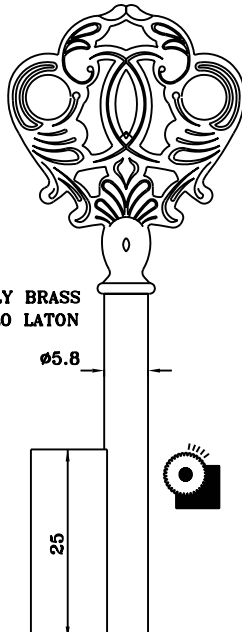
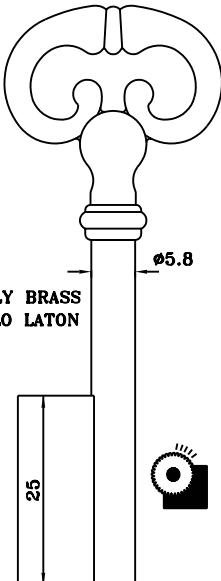
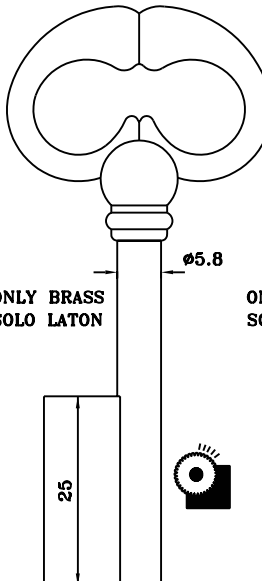
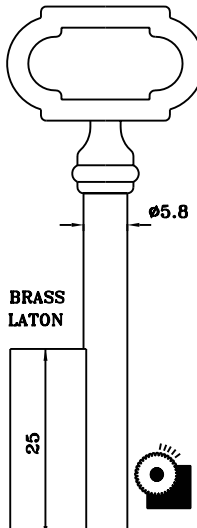
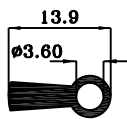
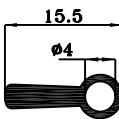
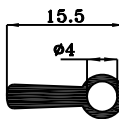
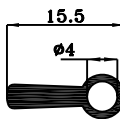
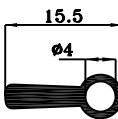
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

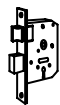


LOCK



JMA
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 Atención: Concerniente a las marcas y denominaciones comerciales ver nota en índice.
 Attention: Concerning the marks and commercial denominations see note in index.
 Attention: Concernant les marques et dénominations commerciales voir la note dans l'index.

PHILLIPS		ROPERO			
<div></div> <p>ZAMAK</p>		<div></div> <p>Ø5.6 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.6 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.6 ZAMAK</p>	<div></div> <p>Ø5.6 ZAMAK</p>
<div></div> <p>PHI-1Z</p>	<div></div> <p>PHI-2Z</p>	<div></div> <p>11.4 Ø3.6 R-1G</p>	<div></div> <p>11.4 Ø3.6 R-2G</p>	<div></div> <p>11.4 Ø3.6 R-1Z</p>	<div></div> <p>11.4 Ø3.6 R-3Z</p>
<div></div> <p>PHI-3Z</p>	<div></div> <p>PHI-4Z</p>				
<div></div> <p>PHI-5Z</p>	<div></div> <p>PHI-6Z</p>				
ROPERO ARTISTICAS					
<div></div> <p>67 Ø5.7 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.8 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.8 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.8 ONLY BRASS SOLO LATON</p>	<div></div> <p>Ø5.8 ONLY BRASS SOLO LATON</p>	
<div></div> <p>13.9 Ø3.60 A-1G</p>	<div></div> <p>15.5 Ø4 E-3G</p>	<div></div> <p>15.5 Ø4 J-3G</p>	<div></div> <p>15.5 Ø4 L-3G</p>	<div></div> <p>15.5 Ø4 V-3G</p>	



JMA

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Atención: Concerniente a las
marcas y denominaciones
comerciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
see note in index.

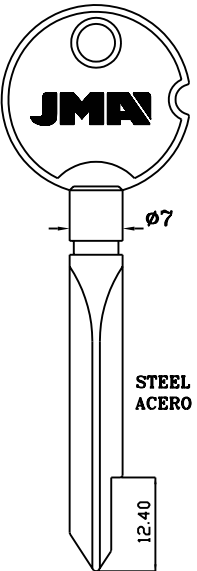
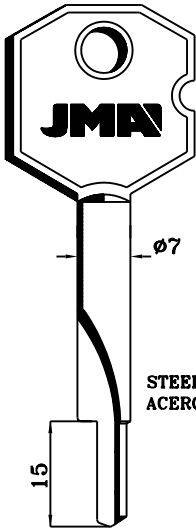
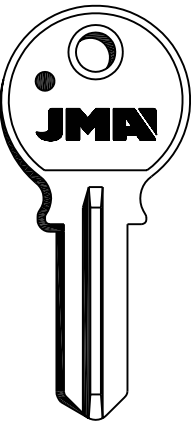
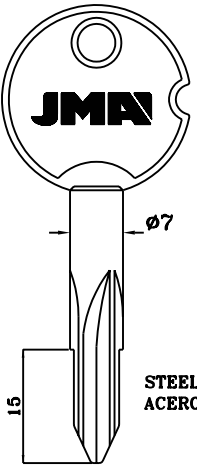
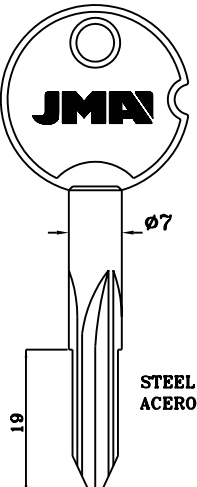
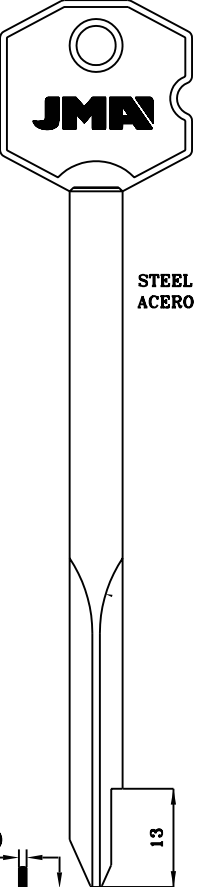
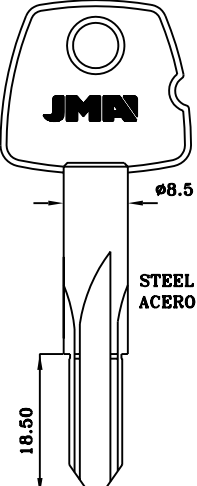
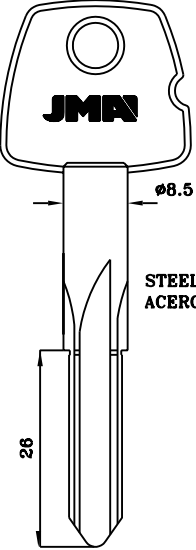
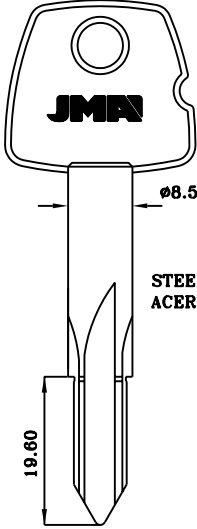
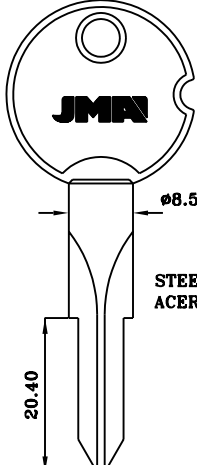
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

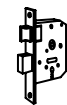
CROSS KEYS

*LLAVES EN CRUZ
CLÉS TRANSVERSALES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

AUSTRAL	BURG	CIFIAL	DIXON	
 <p>STEEL ACERO</p> <p>12.40</p> <p>1(3) 1.50</p> <p>AUS-1X</p>	 <p>STEEL ACERO</p> <p>15</p> <p>1(3) 1.50</p> <p>BUR-4X</p>	 <p>STEEL ACERO</p> <p>1(3) 1.50</p> <p>CIF-1X</p>	 <p>STEEL ACERO</p> <p>15</p> <p>0.80(3) 1.30</p> <p>DIX-1X</p>	 <p>STEEL ACERO</p> <p>19</p> <p>0.80(3) 1.30</p> <p>DIX-2X</p>
FIAM	PAPAIZ			PHILLIPS
 <p>STEEL ACERO</p> <p>13</p> <p>1(3) 1.50</p> <p>FM-3X</p>	 <p>STEEL ACERO</p> <p>18.50</p> <p>1(2) 1.4(2)</p> <p>PAP-1X</p>	 <p>STEEL ACERO</p> <p>26</p> <p>1(2) 1.4(2)</p> <p>PAP-2X</p>	 <p>STEEL ACERO</p> <p>19.60</p> <p>1(2) 1.4(2)</p> <p>PAP-4X</p>	 <p>STEEL ACERO</p> <p>20.40</p> <p>1(3) 1.4</p> <p>PHI-3X</p>



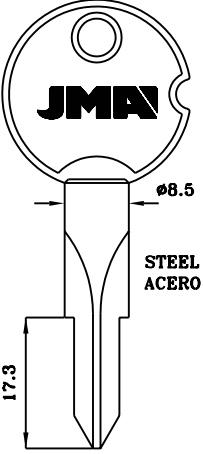
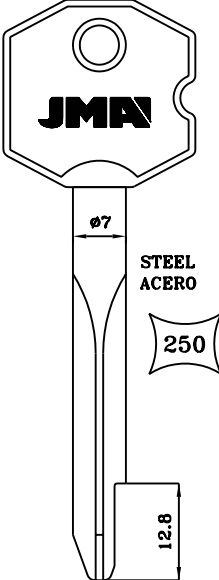
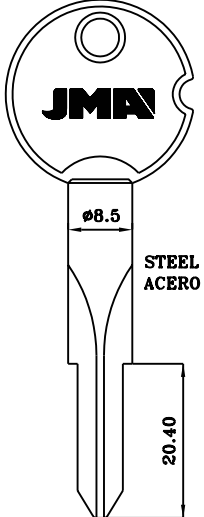
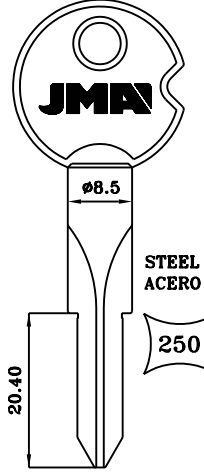
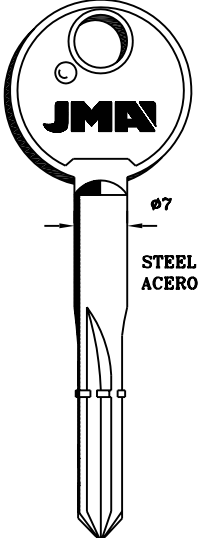
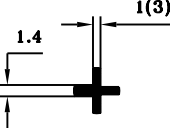
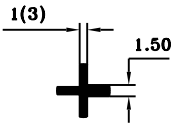
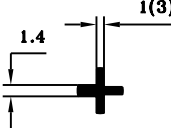
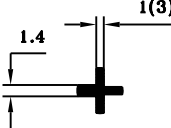

JMA

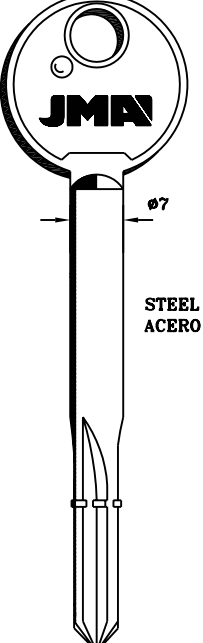
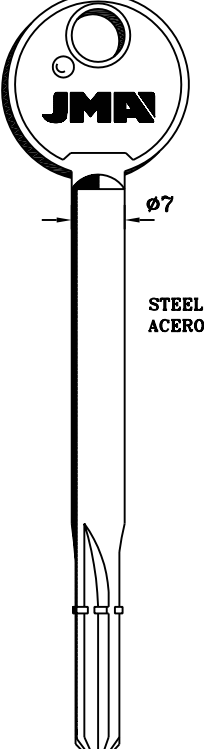
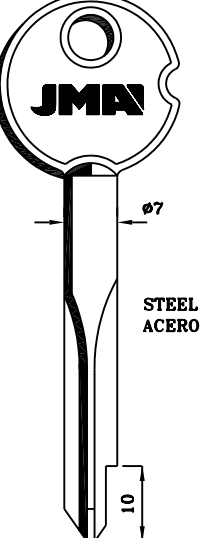
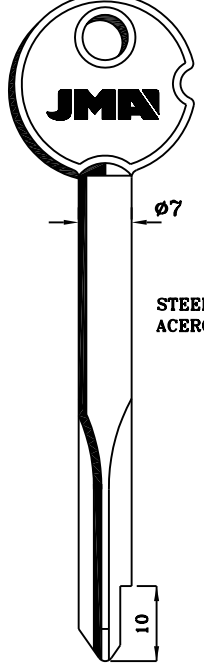
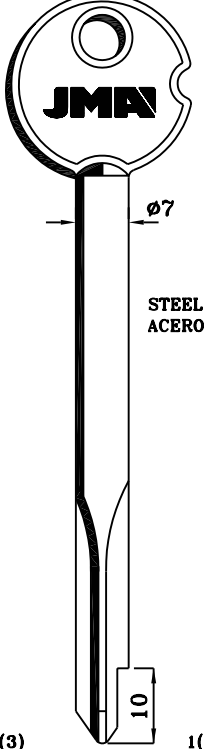


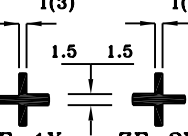
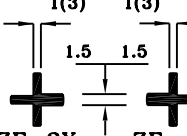
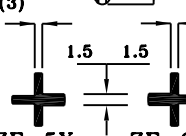
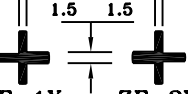
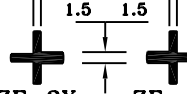
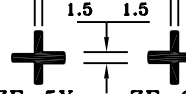
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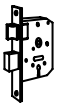
Atención: Concerniente a las
marcas y denominaciones
comerciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

PHILLIPS				YALE BKS
				
				
PHI-4X	PHI-5X	PHI-6X	PHI-7X	YA-1X 70mm
MICO				

YALE BKS		ZEISS IKON		
				
				
YA-2X 85mm	YA-3X 100mm	ZE-1X 70mm	ZE-3X 85mm	ZE-5X 100mm
				
		ZE-2X 70mm	ZE-4X 85mm	ZE-6X 100mm



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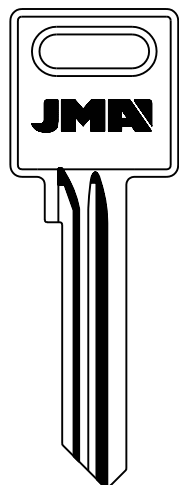
ALUMINUM

*ALUMINIO
ALUMINIUM*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

CANTOL



CTO-3D

TOURQUOISE/TURQUESA/TURQUOISE



CTO-3D.AT

RED/ROJO/ROUGE



CTO-3D.AR

GRAPE/UVA/RAISIN



CTO-3D.AU

BLACK/NEGRO/NOIR



CTO-3D.AB

GREEN/VERDE/VERT



CTO-3D.AV

ORANGE/NARANJA/ORANGE



CTO-3D.AN

LILAC/LILA/MAUVE



CTO-3D.AL

NAVY BLUE/AZUL MARINO/JAUNE



CTO-3D.AM

YELLOW/AMARILLO/JAUNE



CTO-3D.AY

PINK/ROSA/ROSE



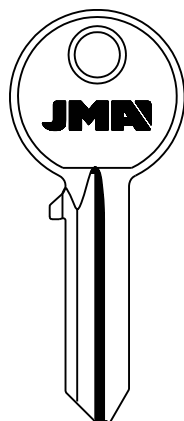
CTO-3D.AP

BLUE/AZUL/BLEU



CTO-3D.AA

CISA



CI-DL
9CS

TOURQUOISE/TURQUESA/TURQUOISE



CI-DL.AT

RED/ROJO/ROUGE



CI-DL.AR

GRAPE/UVA/RAISIN



CI-DL.AU

BLACK/NEGRO/NOIR



CI-DL.AB

GREEN/VERDE/VERT



CI-DL.AV

ORANGE/NARANJA/ORANGE



CI-DL.AN

LILAC/LILA/MAUVE



CI-DL.AL

NAVY BLUE/AZUL MARINO/JAUNE



CI-DL.AM

YELLOW/AMARILLO/JAUNE



CI-DL.AY

PINK/ROSA/ROSE



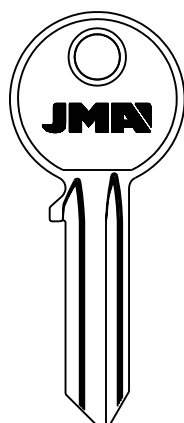
CI-DL.AP

BLUE/AZUL/BLEU



CI-DL.AA

CISA



CI-IL
R9CS

TOURQUOISE/TURQUESA/TURQUOISE



CI-IL.AT

RED/ROJO/ROUGE



CI-IL.AR

GRAPE/UVA/RAISIN



CI-IL.AU

BLACK/NEGRO/NOIR



CI-IL.AB

GREEN/VERDE/VERT



CI-IL.AV

ORANGE/NARANJA/ORANGE



CI-IL.AN

LILAC/LILA/MAUVE



CI-IL.AL

NAVY BLUE/AZUL MARINO/JAUNE



CI-IL.AM

YELLOW/AMARILLO/JAUNE



CI-IL.AY

PINK/ROSA/ROSE



CI-IL.AP

BLUE/AZUL/BLEU



CI-IL.AA



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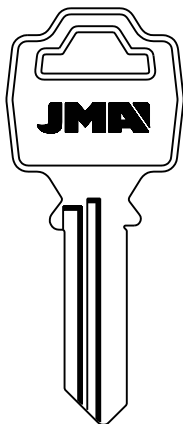
Atención: Concerniente a las
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and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

ALUMI
NIUM

FANAL



FNL-1D
R63

TOURQUOISE/TURQUESA/TURQUOISE



FNL-1D.AT

RED/ROJO/ROUGE



FNL-1D.AR

GRAPE/UVA/RAISIN



FNL-1D.AU

BLACK/NEGRO/NOIR



FNL-1D.AB

GREEN/VERDE/VERT



FNL-1D.AV

ORANGE/NARANJA/ORANGE



FNL-1D.AN

LILAC/LILA/MAUVE



FNL-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FNL-1D.AM

YELLOW/AMARILLO/JAUNE



FNL-1D.AY

PINK/ROSA/ROSE



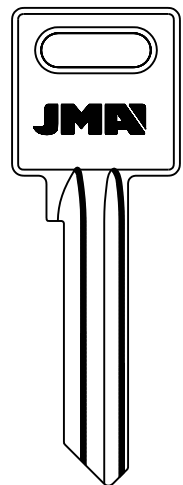
FNL-1D.AP

BLUE/AZUL/BLEU



FNL-1D.AA

FORTE



FTE-1

TOURQUOISE/TURQUESA/TURQUOISE



FTE-1.AT

RED/ROJO/ROUGE



FTE-1.AR

GRAPE/UVA/RAISIN



FTE-1.AU

BLACK/NEGRO/NOIR



FTE-1.AB

GREEN/VERDE/VERT



FTE-1.AV

ORANGE/NARANJA/ORANGE



FTE-1.AN

LILAC/LILA/MAUVE



FTE-1.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-1.AM

YELLOW/AMARILLO/JAUNE



FTE-1.AY

PINK/ROSA/ROSE



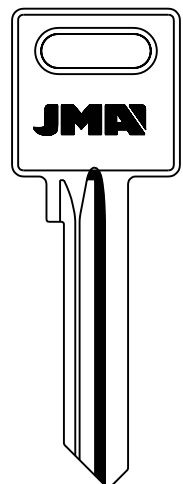
FTE-1.AP

BLUE/AZUL/BLEU



FTE-1.AA

FORTE



FTE-1D

TOURQUOISE/TURQUESA/TURQUOISE



FTE-1D.AT

RED/ROJO/ROUGE



FTE-1D.AR

GRAPE/UVA/RAISIN



FTE-1D.AU

BLACK/NEGRO/NOIR



FTE-1D.AB

GREEN/VERDE/VERT



FTE-1D.AV

ORANGE/NARANJA/ORANGE



FTE-1D.AN

LILAC/LILA/MAUVE



FTE-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-1D.AM

YELLOW/AMARILLO/JAUNE



FTE-1D.AY

PINK/ROSA/ROSE

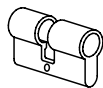


FTE-1D.AP

BLUE/AZUL/BLEU



FTE-1D.AA



JMA

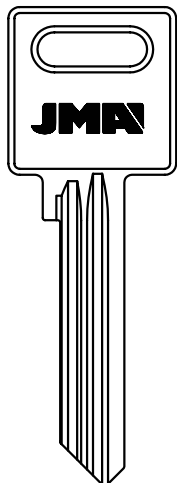
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and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

FORTE



FTE-2D

TOURQUOISE/TURQUESA/TURQUOISE



FTE-2D.AT

RED/ROJO/ROUGE



FTE-2D.AR

GRAPE/UVA/RAISIN



FTE-2D.AU

BLACK/NEGRO/NOIR



FTE-2D.AB

GREEN/VERDE/VERT



FTE-2D.AV

ORANGE/NARANJA/ORANGE



FTE-2D.AN

LILAC/LILA/MAUVE



FTE-2D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-2D.AM

YELLOW/AMARILLO/JAUNE



FTE-2D.AY

PINK/ROSA/ROSE



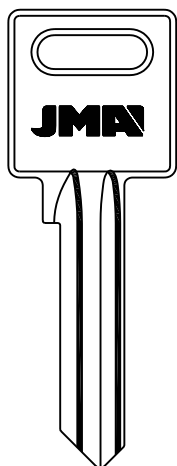
FTE-2D.AP

BLUE/AZUL/BLEU



FTE-2D.AA

FORTE



FTE-3

TOURQUOISE/TURQUESA/TURQUOISE



FTE-3.AT

RED/ROJO/ROUGE



FTE-3.AR

GRAPE/UVA/RAISIN



FTE-3.AU

BLACK/NEGRO/NOIR



FTE-3.AB

GREEN/VERDE/VERT



FTE-3.AV

ORANGE/NARANJA/ORANGE



FTE-3.AN

LILAC/LILA/MAUVE



FTE-3.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-3.AM

YELLOW/AMARILLO/JAUNE



FTE-3.AY

PINK/ROSA/ROSE



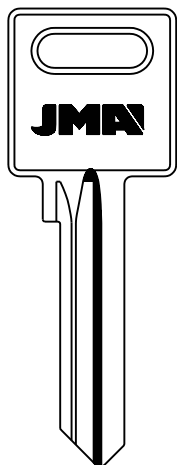
FTE-3.AP

BLUE/AZUL/BLEU



FTE-3.AA

FORTE



FTE-3D

TOURQUOISE/TURQUESA/TURQUOISE



FTE-3D.AT

RED/ROJO/ROUGE



FTE-3D.AR

GRAPE/UVA/RAISIN



FTE-3D.AU

BLACK/NEGRO/NOIR



FTE-3D.AB

GREEN/VERDE/VERT



FTE-3D.AV

ORANGE/NARANJA/ORANGE



FTE-3D.AN

LILAC/LILA/MAUVE



FTE-3D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-3D.AM

YELLOW/AMARILLO/JAUNE



FTE-3D.AY

PINK/ROSA/ROSE



FTE-3D.AP

BLUE/AZUL/BLEU



FTE-3D.AA



JMA

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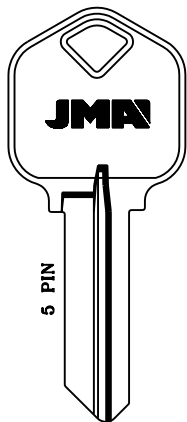
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commerciales voir la note dans
l'index.

ALUMI
NIUM

KWIKSET



KWI-1
KW1

TOURQUOISE/TURQUESA/TURQUOISE



KWI-1.AT

RED/ROJO/ROUGE



KWI-1.AR

GRAPE/UVA/RAISIN



KWI-1.AU

BLACK/NEGRO/NOIR



KWI-1.AB

GREEN/VERDE/VERT



KWI-1.AV

ORANGE/NARANJA/ORANGE



KWI-1.AN

LILAC/LILA/MAUVE



KWI-1.AL

NAVY BLUE/AZUL MARINO/JAUNE



KWI-1.AM

YELLOW/AMARILLO/JAUNE



KWI-1.AY

PINK/ROSA/ROSE



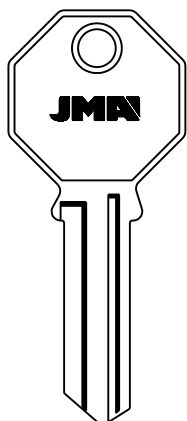
KWI-1.AP

BLUE/AZUL/BLEU



KWI-1.AA

PHILLIPS



PHI-52
PHA1

TOURQUOISE/TURQUESA/TURQUOISE



PHI-52.AT

RED/ROJO/ROUGE



PHI-52.AR

GRAPE/UVA/RAISIN



PHI-52.AU

BLACK/NEGRO/NOIR



PHI-52.AB

GREEN/VERDE/VERT



PHI-52.AV

ORANGE/NARANJA/ORANGE



PHI-52.AN

LILAC/LILA/MAUVE



PHI-52.AL

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.AM

YELLOW/AMARILLO/JAUNE



PHI-52.AY

PINK/ROSA/ROSE



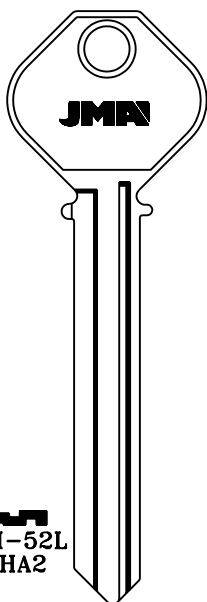
PHI-52.AP

BLUE/AZUL/BLEU



PHI-52.AA

PHILLIPS



PHI-52L
PHA2

TOURQUOISE/TURQUESA/TURQUOISE



PHI-52L.AT

RED/ROJO/ROUGE



PHI-52L.AR

GRAPE/UVA/RAISIN



PHI-52L.AU

BLACK/NEGRO/NOIR



PHI-52L.AB

GREEN/VERDE/VERT



PHI-52L.AV

ORANGE/NARANJA/ORANGE



PHI-52L.AN

LILAC/LILA/MAUVE



PHI-52L.AL

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52L.AM

YELLOW/AMARILLO/JAUNE



PHI-52L.AY

PINK/ROSA/ROSE

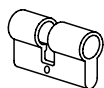


PHI-52L.AP

BLUE/AZUL/BLEU



PHI-52L.AA



JMA

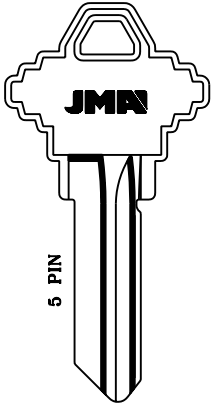
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SCHLAGE



5 PIN


SLG-3
SC1

TOURQUOISE/TURQUESA/TURQUOISE



SLG-3.AT

RED/ROJO/ROUGE



SLG-3.AR

GRAPE/UVA/RAISIN



SLG-3.AU

BLACK/NEGRO/NOIR



SLG-3.AB

GREEN/VERDE/VERT



SLG-3.AV

ORANGE/NARANJA/ORANGE



SLG-3.AN

LILAC/LILA/MAUVE



SLG-3.AL

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.AM

YELLOW/AMARILLO/JAUNE



SLG-3.AY

PINK/ROSA/ROSE



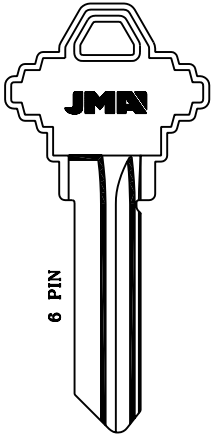
SLG-3.AP

BLUE/AZUL/BLEU



SLG-3.AA

SCHLAGE



6 PIN


SLG-4
SC4

TOURQUOISE/TURQUESA/TURQUOISE



SLG-4.AT

RED/ROJO/ROUGE



SLG-4.AR

GRAPE/UVA/RAISIN



SLG-4.AU

BLACK/NEGRO/NOIR



SLG-4.AB

GREEN/VERDE/VERT



SLG-4.AV

ORANGE/NARANJA/ORANGE



SLG-4.AN

LILAC/LILA/MAUVE



SLG-4.AL

NAVY BLUE/AZUL MARINO/JAUNE



SLG-4.AM

YELLOW/AMARILLO/JAUNE



SLG-4.AY

PINK/ROSA/ROSE



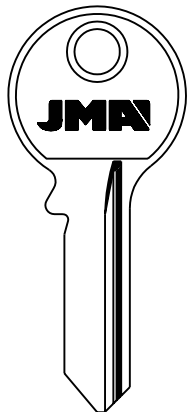
SLG-4.AP

BLUE/AZUL/BLEU



SLG-4.AA

VIRO




VI-11
VR2

TOURQUOISE/TURQUESA/TURQUOISE



VI-11.AT

RED/ROJO/ROUGE



VI-11.AR

GRAPE/UVA/RAISIN



VI-11.AU

BLACK/NEGRO/NOIR



VI-11.AB

GREEN/VERDE/VERT



VI-11.AV

ORANGE/NARANJA/ORANGE



VI-11.AN

LILAC/LILA/MAUVE



VI-11.AL

NAVY BLUE/AZUL MARINO/JAUNE



VI-11.AM

YELLOW/AMARILLO/JAUNE



VI-11.AY

PINK/ROSA/ROSE

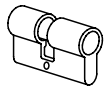


VI-11.AP

BLUE/AZUL/BLEU



VI-11.AA



JMA

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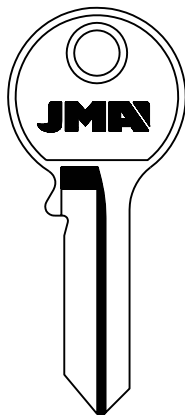
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ALUMI
NIUM

VIRO



VI-1D
VR91R

TOURQUOISE/TURQUESA/TURQUOISE



VI-1D.AT

RED/ROJO/ROUGE



VI-1D.AR

GRAPE/UVA/RAISIN



VI-1D.AU

BLACK/NEGRO/NOIR



VI-1D.AB

GREEN/VERDE/VERT



VI-1D.AV

ORANGE/NARANJA/ORANGE



VI-1D.AN

LILAC/LILA/MAUVE



VI-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



VI-1D.AM

YELLOW/AMARILLO/JAUNE



VI-1D.AY

PINK/ROSA/ROSE



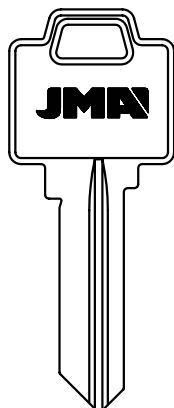
VI-1D.AP

BLUE/AZUL/BLEU



VI-1D.AA

WEISER



WEI-3
WR5

TOURQUOISE/TURQUESA/TURQUOISE



WEI-3.AT

RED/ROJO/ROUGE



WEI-3.AR

GRAPE/UVA/RAISIN



WEI-3.AU

BLACK/NEGRO/NOIR



WEI-3.AB

GREEN/VERDE/VERT



WEI-3.AV

ORANGE/NARANJA/ORANGE



WEI-3.AN

LILAC/LILA/MAUVE



WEI-3.AL

NAVY BLUE/AZUL MARINO/JAUNE



WEI-3.AM

YELLOW/AMARILLO/JAUNE



WEI-3.AY

PINK/ROSA/ROSE



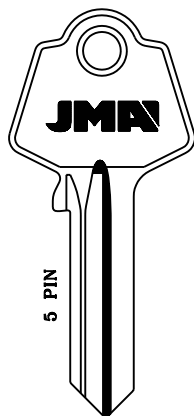
WEI-3.AP

BLUE/AZUL/BLEU



WEI-3.AA

YALE



U-5CD

TOURQUOISE/TURQUESA/TURQUOISE



U-5CD.AT

RED/ROJO/ROUGE



U-5CD.AR

GRAPE/UVA/RAISIN



U-5CD.AU

BLACK/NEGRO/NOIR



U-5CD.AB

GREEN/VERDE/VERT



U-5CD.AV

ORANGE/NARANJA/ORANGE



U-5CD.AN

LILAC/LILA/MAUVE



U-5CD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5CD.AM

YELLOW/AMARILLO/JAUNE



U-5CD.AY

PINK/ROSA/ROSE

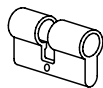


U-5CD.AP

BLUE/AZUL/BLEU



U-5CD.AA



JMA

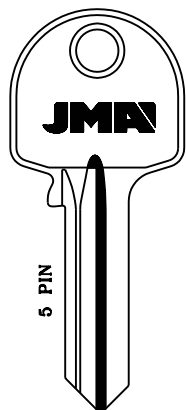
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YALE



U-5DD

TOURQUOISE/TURQUESA/TURQUOISE



U-5DD.AT

RED/ROJO/ROUGE



U-5DD.AR

GRAPE/UVA/RAISIN



U-5DD.AU

BLACK/NEGRO/NOIR



U-5DD.AB

GREEN/VERDE/VERT



U-5DD.AV

ORANGE/NARANJA/ORANGE



U-5DD.AN

LILAC/LILA/MAUVE



U-5DD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5DD.AM

YELLOW/AMARILLO/JAUNE



U-5DD.AY

PINK/ROSA/ROSE



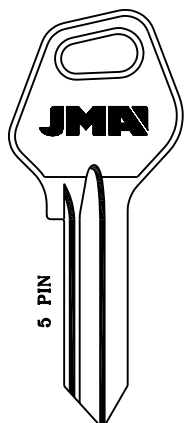
U-5DD.AP

BLUE/AZUL/BLEU



U-5DD.AA

YALE



U-5JD

TOURQUOISE/TURQUESA/TURQUOISE



U-5JD.AT

RED/ROJO/ROUGE



U-5JD.AR

GRAPE/UVA/RAISIN



U-5JD.AU

BLACK/NEGRO/NOIR



U-5JD.AB

GREEN/VERDE/VERT



U-5JD.AV

ORANGE/NARANJA/ORANGE



U-5JD.AN

LILAC/LILA/MAUVE



U-5JD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5JD.AM

YELLOW/AMARILLO/JAUNE



U-5JD.AY

PINK/ROSA/ROSE



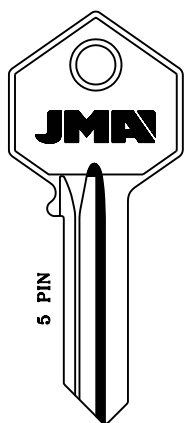
U-5JD.AP

BLUE/AZUL/BLEU



U-5JD.AA

YALE



YA-1D
H999

TOURQUOISE/TURQUESA/TURQUOISE



YA-1D.AT

RED/ROJO/ROUGE



YA-1D.AR

GRAPE/UVA/RAISIN



YA-1D.AU

BLACK/NEGRO/NOIR



YA-1D.AB

GREEN/VERDE/VERT



YA-1D.AV

ORANGE/NARANJA/ORANGE



YA-1D.AN

LILAC/LILA/MAUVE



YA-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.AM

YELLOW/AMARILLO/JAUNE



YA-1D.AY

PINK/ROSA/ROSE



YA-1D.AP

BLUE/AZUL/BLEU



YA-1D.AA



JMA

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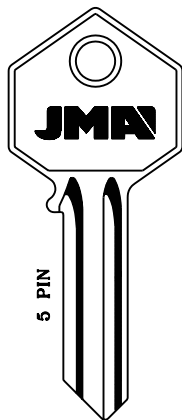
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ALUMI
NIUM

YALE



5 PIN

YA-11
H999R

TOURQUOISE/TURQUESA/TURQUOISE



YA-11.AT

RED/ROJO/ROUGE



YA-11.AR

GRAPE/UVA/RAISIN



YA-11.AU

BLACK/NEGRO/NOIR



YA-11.AB

GREEN/VERDE/VERT



YA-11.AV

ORANGE/NARANJA/ORANGE



YA-11.AN

LILAC/LILA/MAUVE



YA-11.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-11.AM

YELLOW/AMARILLO/JAUNE



YA-11.AY

PINK/ROSA/ROSE



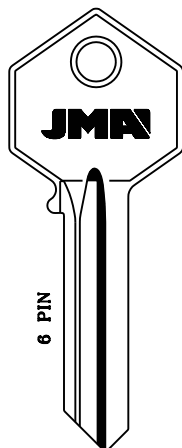
YA-11.AP

BLUE/AZUL/BLEU



YA-11.AA

YALE



6 PIN

YA-22D

TOURQUOISE/TURQUESA/TURQUOISE



YA-22D.AT

RED/ROJO/ROUGE



YA-22D.AR

GRAPE/UVA/RAISIN



YA-22D.AU

BLACK/NEGRO/NOIR



YA-22D.AB

GREEN/VERDE/VERT



YA-22D.AV

ORANGE/NARANJA/ORANGE



YA-22D.AN

LILAC/LILA/MAUVE



YA-22D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-22D.AM

YELLOW/AMARILLO/JAUNE



YA-22D.AY

PINK/ROSA/ROSE



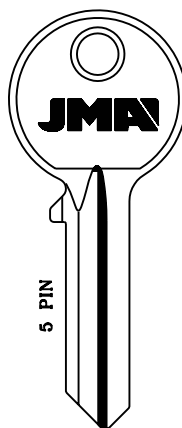
YA-22D.AP

BLUE/AZUL/BLEU



YA-22D.AA

YALE



5 PIN

YA-24D

TOURQUOISE/TURQUESA/TURQUOISE



YA-24D.AT

RED/ROJO/ROUGE



YA-24D.AR

GRAPE/UVA/RAISIN



YA-24D.AU

BLACK/NEGRO/NOIR



YA-24D.AB

GREEN/VERDE/VERT



YA-24D.AV

ORANGE/NARANJA/ORANGE



YA-24D.AN

LILAC/LILA/MAUVE



YA-24D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-24D.AM

YELLOW/AMARILLO/JAUNE



YA-24D.AY

PINK/ROSA/ROSE

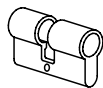


YA-24D.AP

BLUE/AZUL/BLEU



YA-24D.AA



JMA

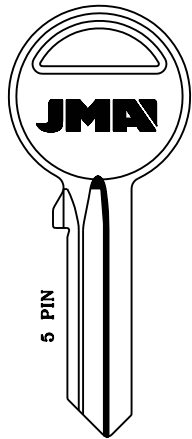
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YALE



YA-69D

TOURQUOISE/TURQUESA/TURQUOISE



YA-69D.AT

RED/ROJO/ROUGE



YA-69D.AR

GRAPE/UVA/RAISIN



YA-69D.AU

BLACK/NEGRO/NOIR



YA-69D.AB

GREEN/VERDE/VERT



YA-69D.AV

ORANGE/NARANJA/ORANGE



YA-69D.AN

LILAC/LILA/MAUVE



YA-69D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-69D.AM

YELLOW/AMARILLO/JAUNE



YA-69D.AY

PINK/ROSA/ROSE



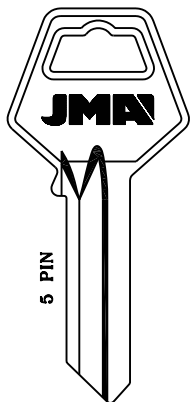
YA-69D.AP

BLUE/AZUL/BLEU



YA-69D.AA

YALE



YA-77D

TOURQUOISE/TURQUESA/TURQUOISE



YA-77D.AT

RED/ROJO/ROUGE



YA-77D.AR

GRAPE/UVA/RAISIN



YA-77D.AU

BLACK/NEGRO/NOIR



YA-77D.AB

GREEN/VERDE/VERT



YA-77D.AV

ORANGE/NARANJA/ORANGE



YA-77DD.AN

LILAC/LILA/MAUVE



YA-77DD.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-77D.AM

YELLOW/AMARILLO/JAUNE



YA-77D.AY

PINK/ROSA/ROSE



YA-77D.AP

BLUE/AZUL/BLEU



YA-77D.AA



JMA

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ALUMI
NIUM

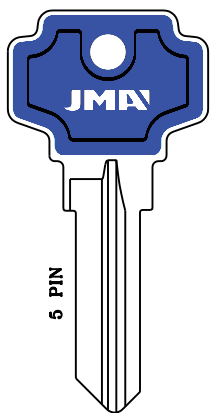
COLORMATIC

*CENTRO DE PLÁSTICO
CENTRE PLASTIQUE*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

DEXTER



DX-5D
DE6

GREEN/VERDE/VERT



DX-5D.CMV

RED/ROJO/ROUGE



DX-5D.CMR

SMOKE/HUMO/FUMEE



DX-5D.CMB

CRYSTAL/CRISTAL/CRYSTAL



DX-5D.CMC

ORANGE/NARANJA/ORANGE



DX-5D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



DX-5D.CMA

YELLOW/AMARILLO/JAUNE



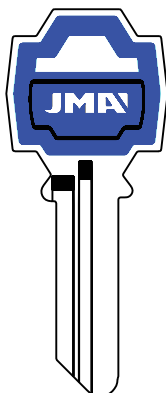
DX-5D.CMY

GRAPE/UVA/RAISIN



DX-5D.CMU

FANAL



FNL-1D
R63

GREEN/VERDE/VERT



FNL-1D.CMV

RED/ROJO/ROUGE



FNL-1D.CMR

SMOKE/HUMO/FUMEE



FNL-1D.CMB

CRYSTAL/CRISTAL/CRYSTAL



FNL-1D.CMC

ORANGE/NARANJA/ORANGE



FNL-1D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



FNL-1D.CMA

YELLOW/AMARILLO/JAUNE



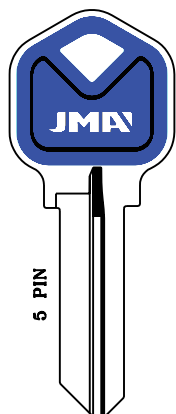
FNL-1D.CMY

GRAPE/UVA/RAISIN



FNL-1D.CMU

KWIKSET



KWI-1
KW1

GREEN/VERDE/VERT



KWI-1.CMV

RED/ROJO/ROUGE



KWI-1.CMR

SMOKE/HUMO/FUMEE



KWI-1.CMB

CRYSTAL/CRISTAL/CRYSTAL



KWI-1.CMC

ORANGE/NARANJA/ORANGE



KWI-1.CMN

NAVY BLUE/AZUL MARINO/JAUNE



KWI-1.CMA

YELLOW/AMARILLO/JAUNE

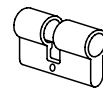


KWI-1.CMY

GRAPE/UVA/RAISIN



KWI-1.CMU



JMA

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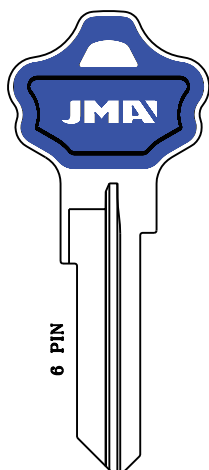
Atención: Concerniente a las
marcas y denominaciones comer-
ciales ver nota en índice.

Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

COLOR
MATIC

KWIKSET



KWI-2D
KW10

GREEN/VERDE/VERT



KWI-2D.CMV

RED/ROJO/ROUGE



KWI-2D.CMR

SMOKE/HUMO/FUMEE



KWI-2D.CMB

CRYSTAL/CRISTAL/CRYSTAL



KWI-2D.CMC

ORANGE/NARANJA/ORANGE



KWI-2D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



KWI-2D.CMA

YELLOW/AMARILLO/JAUNE



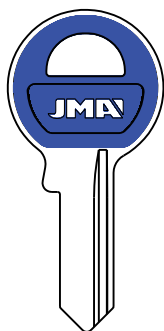
KWI-2D.CMY

GRAPE/UVA/RAISIN



KWI-2D.CMU

MASTER



MAS-10
M1

GREEN/VERDE/VERT



MAS-10.CMV

RED/ROJO/ROUGE



MAS-10.CMR

SMOKE/HUMO/FUMEE



MAS-10.CMB

CRYSTAL/CRISTAL/CRYSTAL



MAS-10.CMC

ORANGE/NARANJA/ORANGE



MAS-10.CMN

NAVY BLUE/AZUL MARINO/JAUNE



MAS-10.CMA

YELLOW/AMARILLO/JAUNE



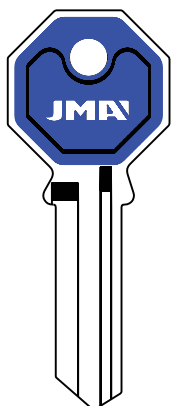
MAS-10.CMY

GRAPE/UVA/RAISIN



MAS-10.CMU

PHILLIPS



PHI-52
PHA1

GREEN/VERDE/VERT



PHI-52.CMV

RED/ROJO/ROUGE



PHI-52.CMR

SMOKE/HUMO/FUMEE



PHI-52.CMB

CRYSTAL/CRISTAL/CRYSTAL



PHI-52.CMC

ORANGE/NARANJA/ORANGE



PHI-52.CMN

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.CMA

YELLOW/AMARILLO/JAUNE

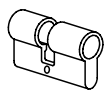


PHI-52.CMY

GRAPE/UVA/RAISIN



PHI-52.CMU



JMA

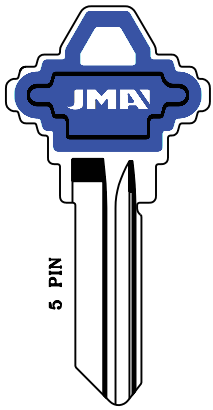
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see note in index.

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commerciales voir la note dans
l'index.

SCHLAGE



SLG-3
SC1

GREEN/VERDE/VERT



SLG-3.CMV

RED/ROJO/ROUGE



SLG-3.CMR

SMOKE/HUMO/FUMEE



SLG-3.CMB

CRYSTAL/CRISTAL/CRYSTAL



SLG-3.CMC

ORANGE/NARANJA/ORANGE



SLG-3.CMN

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.CMA

YELLOW/AMARILLO/JAUNE



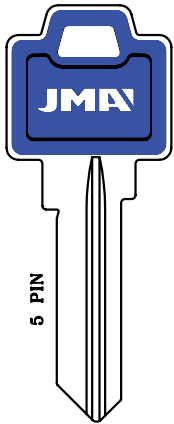
SLG-3.CMY

GRAPE/UVA/RAISIN



SLG-3.CMU

WEISER



WEI-3
WR5

GREEN/VERDE/VERT



WEI-3.CMV

RED/ROJO/ROUGE



WEI-3.CMR

SMOKE/HUMO/FUMEE



WEI-3.CMB

CRYSTAL/CRISTAL/CRYSTAL



WEI-3.CMC

ORANGE/NARANJA/ORANGE



WEI-3.CMN

NAVY BLUE/AZUL MARINO/JAUNE



WEI-3.CMA

YELLOW/AMARILLO/JAUNE



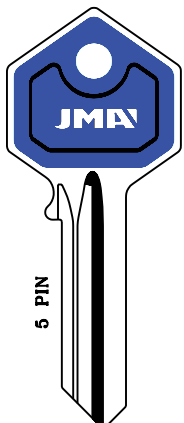
WEI-3.CMY

GRAPE/UVA/RAISIN



WEI-3.CMU

YALE



YA-1D
H999

GREEN/VERDE/VERT



YA-1D.CMV

RED/ROJO/ROUGE



YA-1D.CMR

SMOKE/HUMO/FUMEE



YA-1D.CMB

CRYSTAL/CRISTAL/CRYSTAL



YA-1D.CMC

ORANGE/NARANJA/ORANGE



YA-1D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.CMA

YELLOW/AMARILLO/JAUNE

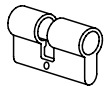


YA-1D.CMY

GRAPE/UVA/RAISIN



YA-1D.CMU



JMA

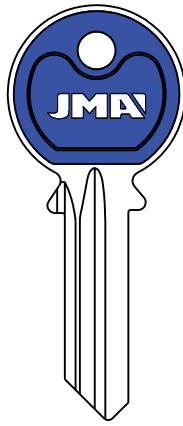
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marques et dénominations
commerciales voir la note dans
l'index.

COLOR
MATIC



YA-41D
Y1

GREEN/VERDE/VERT



YA-41D.CMV

RED/ROJO/ROUGE



YA-41D.CMR

SMOKE/HUMO/FUMEE



YA-41D.CMB

CRYSTAL/CRISTAL/CRYSTAL



YA-41D.CMC

ORANGE/NARANJA/ORANGE



YA-41D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



YA-41D.CMA

YELLOW/AMARILLO/JAUNE



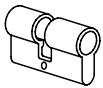
YA-41D.CMY

GRAPE/UVA/RAISIN



YA-41D.CMU

COLOR
MATIC



JMA

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commerciales voir la note dans
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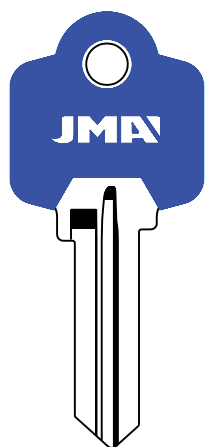
CRISTAL KEYS

*LLAVES DE CRISTAL
CLÉS CRISTAL*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ARROW



ARR-4D
AR1

GREEN/VERDE/VERT



ARR-4D.PV

RED/ROJO/ROUGE



ARR-4D.PR

ORANGE/NARANJA/ORANGE



ARR-4D.PN

YELLOW/AMARILLO/JAUNE



ARR-4D.PY

SMOKE/HUMO/FUMEE



ARR-4D.PB

NAVY BLUE/AZUL MARINO/JAUNE



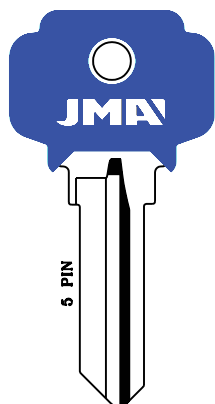
ARR-4D.PA

GRAPE/UVA/RAISIN



ARR-4D.PU

DEXTER



DX-5D
DE6

GREEN/VERDE/VERT



DX-5D.PV

RED/ROJO/ROUGE



DX-5D.PR

ORANGE/NARANJA/ORANGE



DX-5D.PN

YELLOW/AMARILLO/JAUNE



DX-5D.PY

SMOKE/HUMO/FUMEE



DX-5D.PB

NAVY BLUE/AZUL MARINO/JAUNE



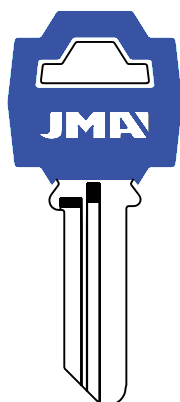
DX-5D.PA

GRAPE/UVA/RAISIN



DX-5D.PU

FANAL



FNL-1D
R63

GREEN/VERDE/VERT



FNL-1D.PV

RED/ROJO/ROUGE



FNL-1D.PR

ORANGE/NARANJA/ORANGE



FNL-1D.PN

YELLOW/AMARILLO/JAUNE



FNL-1D.PY

SMOKE/HUMO/FUMEE



FNL-1D.PB

NAVY BLUE/AZUL MARINO/JAUNE

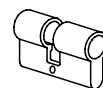


FNL-1D.PA

GRAPE/UVA/RAISIN



FNL-1D.PU



JMA

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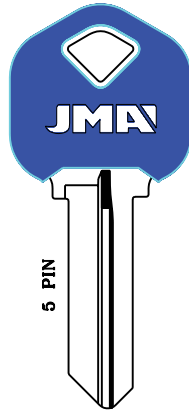
Atención: Concerniente a las
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commerciales voir la note dans
l'index.

CRYSTAL
KEYS

KWIKSET



KWI-1
KW1

GREEN/VERDE/VERT



KWI-1.PV

RED/ROJO/ROUGE



KWI-1.PR

SMOKE/HUMO/FUMEE



KWI-1.PB

ORANGE/NARANJA/ORANGE



KWI-1.PN

NAVY BLUE/AZUL MARINO/JAUNE



KWI-1.PA

YELLOW/AMARILLO/JAUNE



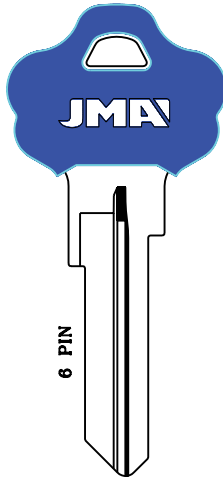
KWI-1.PY

GRAPE/UVA/RAISIN



KWI-1.PU

KWIKSET



KWI-2D
KW10

GREEN/VERDE/VERT



KWI-2D.PV

RED/ROJO/ROUGE



KWI-2D.PR

SMOKE/HUMO/FUMEE



KWI-2D.PB

ORANGE/NARANJA/ORANGE



KWI-2D.PN

NAVY BLUE/AZUL MARINO/JAUNE



KWI-2D.PA

YELLOW/AMARILLO/JAUNE



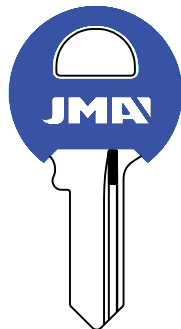
KWI-2D.PY

GRAPE/UVA/RAISIN



KWI-2D.PU

MASTER



MAS-10
M1

GREEN/VERDE/VERT



MAS-10.PV

RED/ROJO/ROUGE



MAS-10.PR

SMOKE/HUMO/FUMEE



MAS-10.PB

ORANGE/NARANJA/ORANGE



MAS-10.PN

NAVY BLUE/AZUL MARINO/JAUNE



MAS-10.PA

YELLOW/AMARILLO/JAUNE

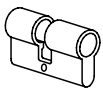


MAS-10.PY

GRAPE/UVA/RAISIN



MAS-10.PU



JMA

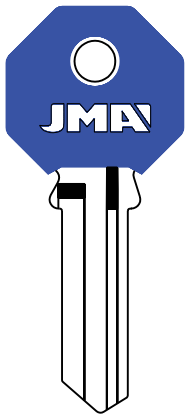
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commerciales voir la note dans
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PHILLIPS



PHI-52
PHA1

GREEN/VERDE/VERT



PHI-52.PV

RED/ROJO/ROUGE



PHI-52.PR

SMOKE/HUMO/FUMEE



PHI-52.PB

ORANGE/NARANJA/ORANGE



PHI-52.PN

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.PA

YELLOW/AMARILLO/JAUNE



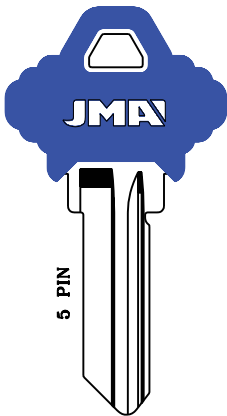
PHI-52.PY

GRAPE/UVA/RAISIN



PHI-52.PU

SCHLAGE



SLG-3
SC1

GREEN/VERDE/VERT



SLG-3.PV

RED/ROJO/ROUGE



SLG-3.PR

SMOKE/HUMO/FUMEE



SLG-3.PB

ORANGE/NARANJA/ORANGE



SLG-3.PN

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.PA

YELLOW/AMARILLO/JAUNE



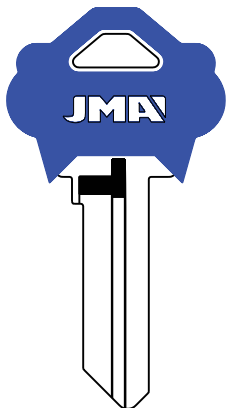
SLG-3.PY

GRAPE/UVA/RAISIN



SLG-3.PU

WESLOCK



WES-1D
WK2

GREEN/VERDE/VERT



WES-1D.PV

RED/ROJO/ROUGE



WES-1D.PR

SMOKE/HUMO/FUMEE



WES-1D.PB

ORANGE/NARANJA/ORANGE



WES-1D.PN

NAVY BLUE/AZUL MARINO/JAUNE



WES-1D.PA

YELLOW/AMARILLO/JAUNE

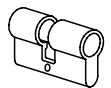


WES-1D.PY

GRAPE/UVA/RAISIN



WES-1D.PU



JMA

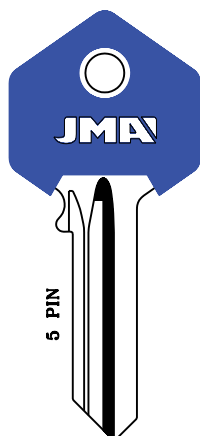
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commerciales voir la note dans
l'index.

CRYSTAL
KEYS



YA-1D
H999

GREEN/VERDE/VERT



YA-1D.PV

RED/ROJO/ROUGE



YA-1D.PR

SMOKE/HUMO/FUMEE



YA-1D.PB

ORANGE/NARANJA/ORANGE



YA-1D.PN

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.PA

YELLOW/AMARILLO/JAUNE

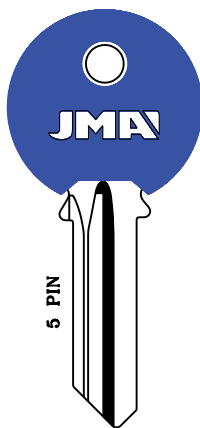


YA-1D.PY

GRAPE/UVA/RAISIN



YA-1D.PU



YA-41D
Y1

GREEN/VERDE/VERT



YA-41D.PV

RED/ROJO/ROUGE



YA-41D.PR

SMOKE/HUMO/FUMEE



YA-41D.PB

ORANGE/NARANJA/ORANGE



YA-41D.PN

NAVY BLUE/AZUL MARINO/JAUNE



YA-41D.PA

YELLOW/AMARILLO/JAUNE

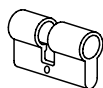


YA-41D.PY

GRAPE/UVA/RAISIN



YA-41D.PU



JMA

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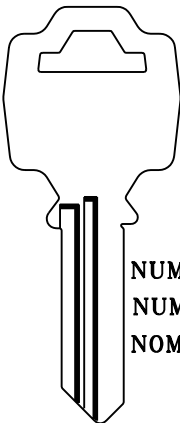

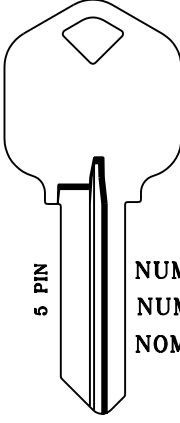

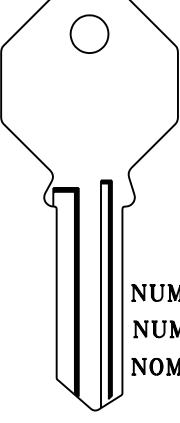

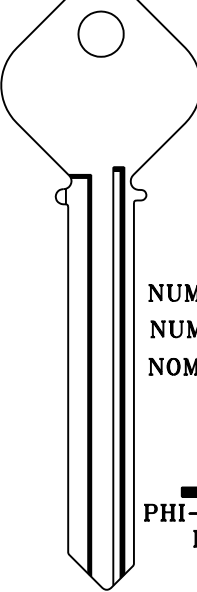

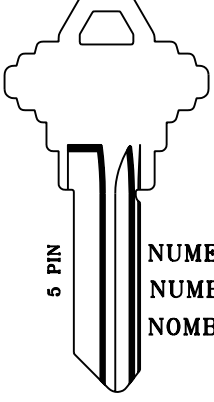

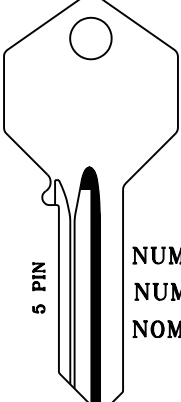

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

FASHION

*ENQUIRE ABOUT LATEST DESIGNS
PREGUNTE POR NUESTROS DISEÑOS
INFORMEZ-VOUS SUR NOS MODÈLES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

FANAL	KWIKSET
 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> FNL-1D.F## R63 </p>	 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> KWI-1.F## KW1 </p>
PHILLIPS	PHILLIPS
 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> PHI-52.F## PHA1 </p>	 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> PHI-52L.F## PHA2 </p>
SCHLAGE	YALE
 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> SLG-3.F## SC1 </p>	 <p> NUMERO CODIGO F## SEGUN DISEÑO NUMBER CODE F## AS PER DESIGN NOMBRE CODE F## SELON DESIGN </p>  <p> YA-1D.F## H999 </p>



JMA
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Attention: Concernant les
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 commerciales voir la note dans
 l'index.

PRO LINE

*LÍNEA PRO
LIGNE PRO*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

BEST



 BES-21DS 1A1TA1	 BES-22DS 1A1TC1	 BES-23DS 1A1TD1	 BES-24DS 1A1TE1	 BES-25DS
 BES-16DS 1A1F1	 BES-17DS 1A1TB1	 BES-18DS	 BES-19DS	 BES-20DS
 BES-11DS 1A1M1	 BES-12DS 1A1Q1	 BES-13DS 1A1R1	 BES-14DS 1A1B1	 BES-15DS 1A1FM1
 BES-6DS 1A1G1	 BES-7DS 1A1H1	 BES-8DS 1A1J1	 BES-9DS 1A1K1	 BES-10DS 1A1L1
 BES-1DS 1A1A1	 BES-2DS 1A1C1	 BES-3DS 1A1D1	 BES-4DS 1A1DD1	 BES-5DS 1A1E1

BEST

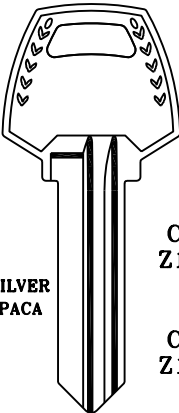










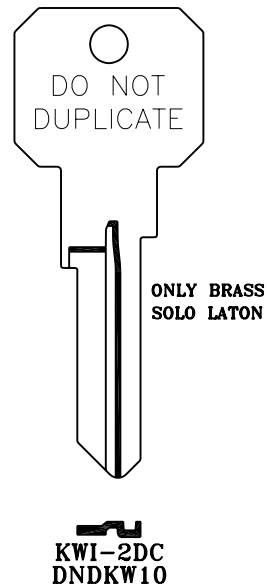
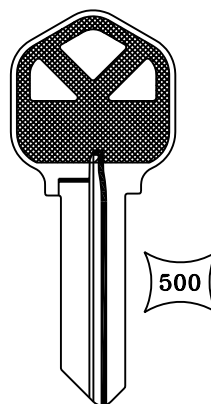
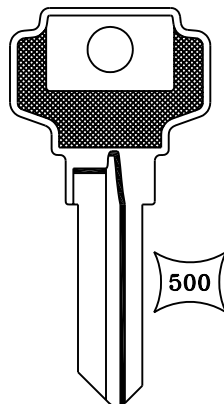
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 BES-30S 1A1WE1	 BES-31DS 1A1WG1
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CORBIN

DEXTER

KWIKSET

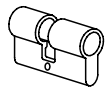
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	 COR-120S Z1-59C1-6	 COR-121S Z1-59C2-6
	 COR-118S Z1-59B1-6	 COR-119S Z1-59B2-6
	 COR-116S Z1-59A1-6	 COR-117S Z1-59A2-6



DX-5DS
67

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1063KW

KWI-2DC
DNDKW10

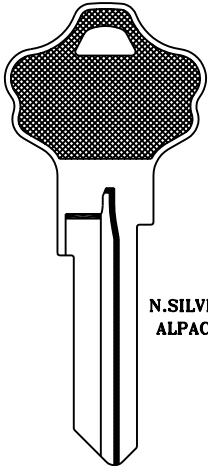
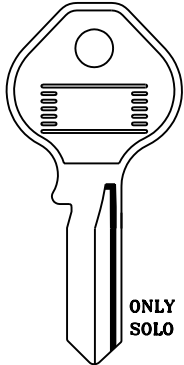
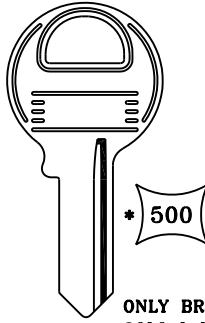
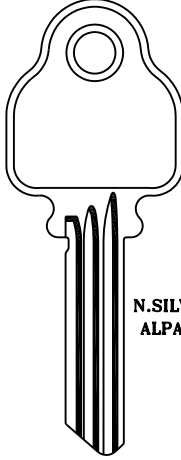
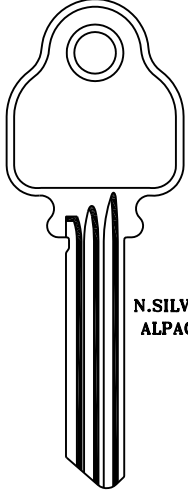









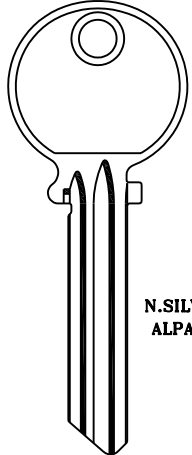
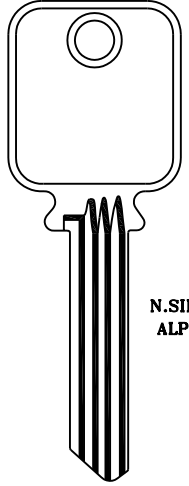
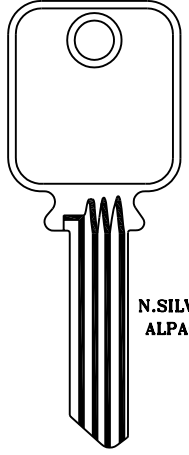
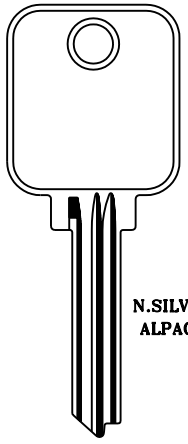
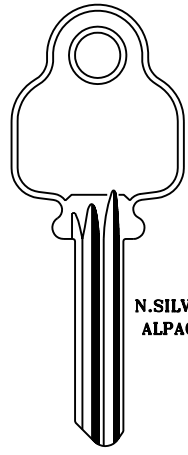





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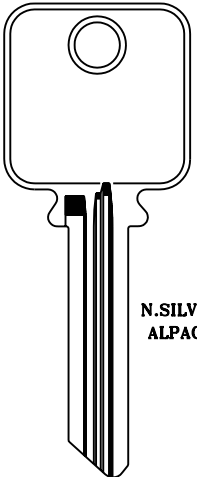
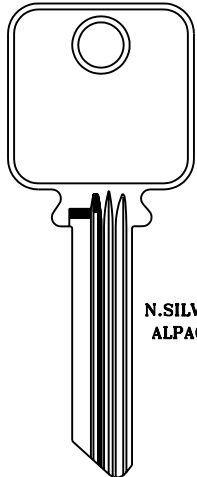
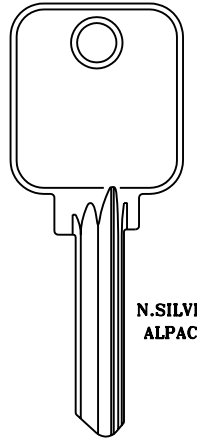
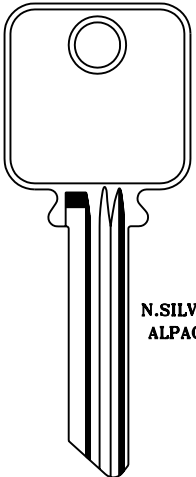
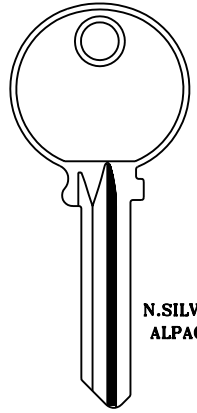





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comerciales ver nota en índice.

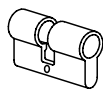
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

KWIKSET	MASTER		MEDECO	
		 * 500		
N.SILVER ALPACA	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	N.SILVER ALPACA	N.SILVER ALPACA
 KWI-2DS 08260KW TITAN	 MAS-9S M10	 MAS-9DS M16	 *MAS-10S M1	 MAS-10DS
			 MDC-1S 1517	 MDC-2S A1517

MEDECO				
				
N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA
 MDC-3DS A1515	 MDC-4S A1638	 MDC-5S 1638	 MDC-6S 1655	 MDC-7S 1543

MEDECO				
				
N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA	N.SILVER ALPACA
 P MDC-8DS	 N3 MDC-9S	 MDC-10S 1518	 F2 MDC-11S	 MDC-12DS 1542



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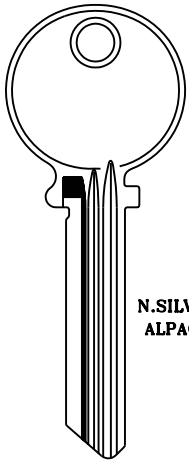
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see note in index.

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marques et dénominations
commerciales voir la note dans
l'index.

MEDECO

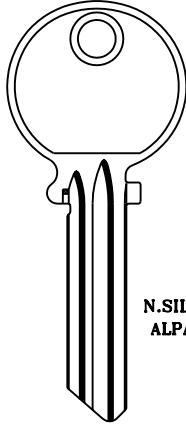
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RUSSWIN



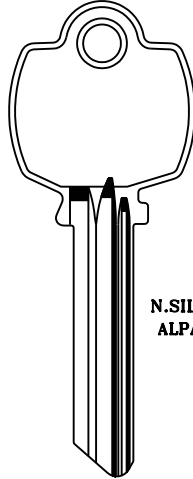
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ALPACA

R
MDC-13DS



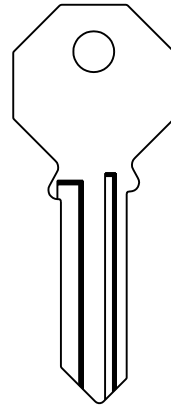
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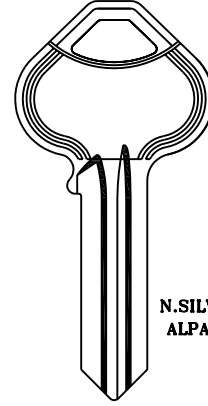


N.SILVER
ALPACA

L
MDC-15S



PHI-10



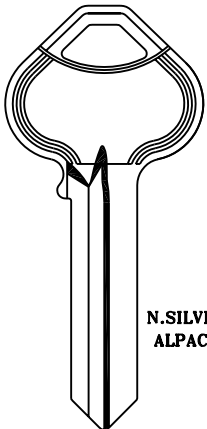
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ALPACA

D1
RUS-4S
5D1R

RUSSWIN

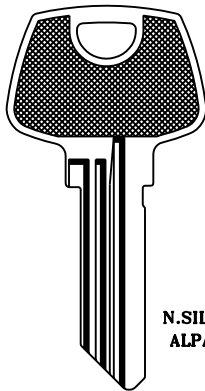
SARGENT

SCHLAGE



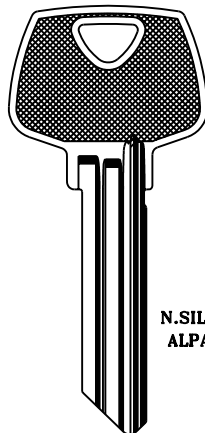
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RUS-5S
6D1R



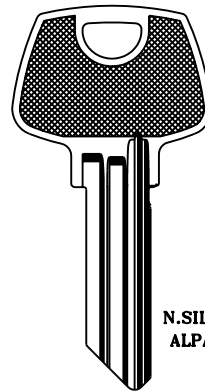
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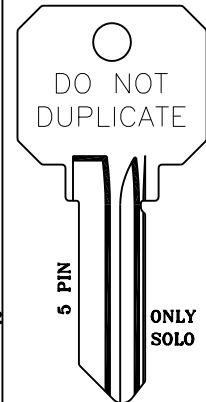
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LA
SAR-7S
6275LA



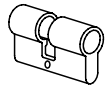
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ALPACA

LA
SAR-8S
275LA



ONLY BRASS
SOLO LATON

C
SLG-3C
DNDSC1



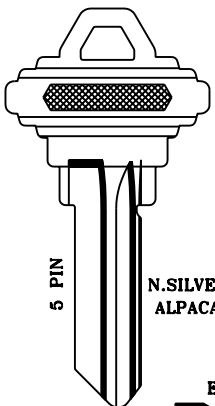
JMA
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see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

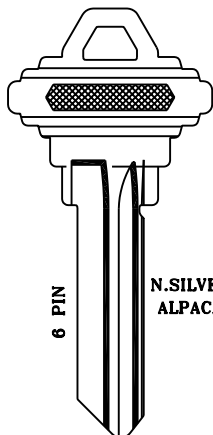
SCHLAGE



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ALPACA

E
SLG-11S
100E

C
SLG-3S
100C



N.SILVER
ALPACA

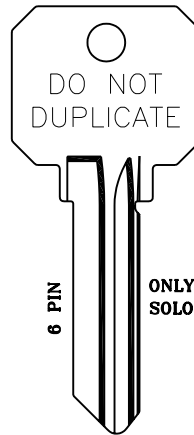
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SLG-10S
101EF

F
SLG-9S
101F

CE
SLG-8S
101CE

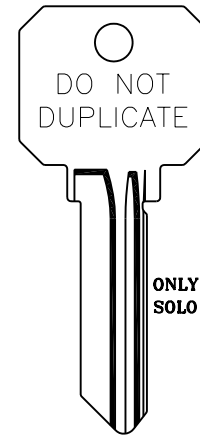
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SLG-5S
101E

C
SLG-4S
101C





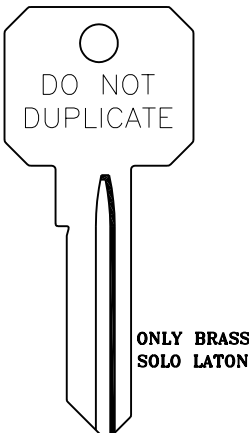
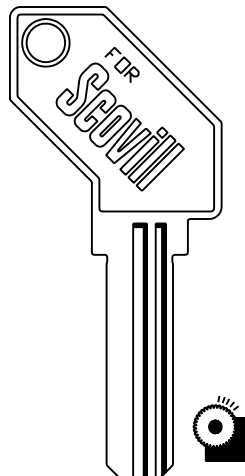
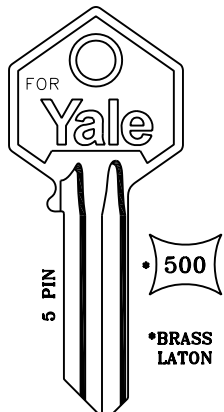
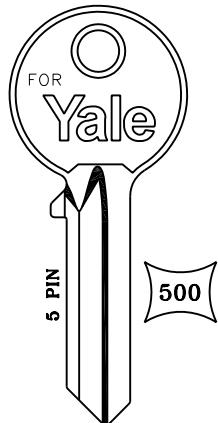
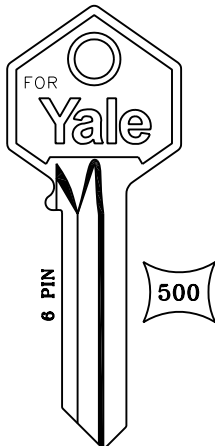
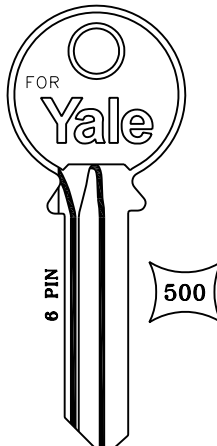
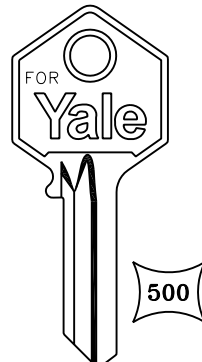
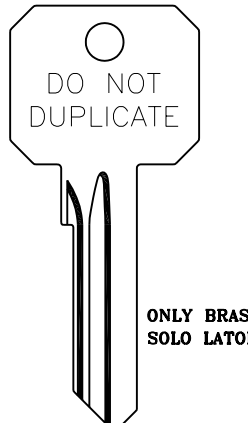
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SOLO LATON

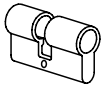
C
SLG-4C
DNDSC4



ONLY BRASS
SOLO LATON

E
SLG-5C
DNDSC9

VIRO		WEISER	YALE	
				
VI-1IS VR2	*VI-1DS VR91R	WEI-3C DNDWR5	SC0-14S	YA-1IS *YA-1DS
			SCOVILL	
YALE				
				
YA-24DS	YA-22DS	YA-17DS Y2	YA-3DS	YA-41DC DNDY1



JMA

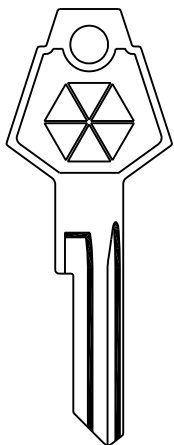
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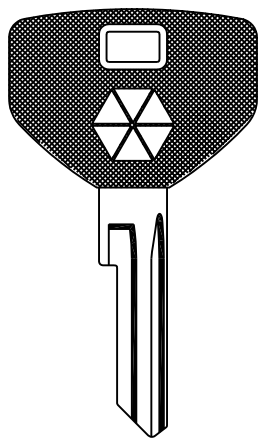
Attention: Concerning the marks
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commerciales voir la note dans
l'index.

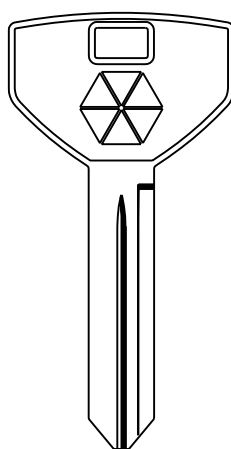
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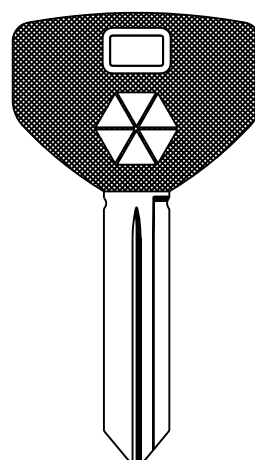
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Y152



CHR-8.PS
Y153P

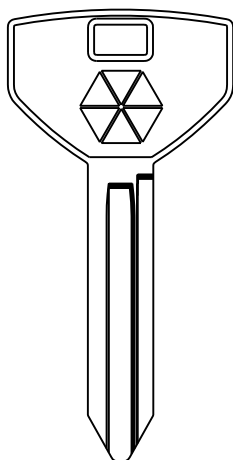


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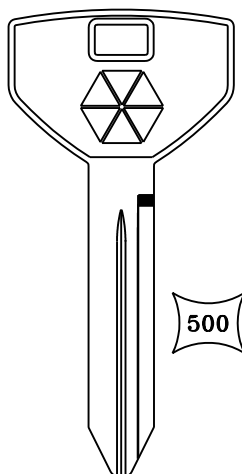


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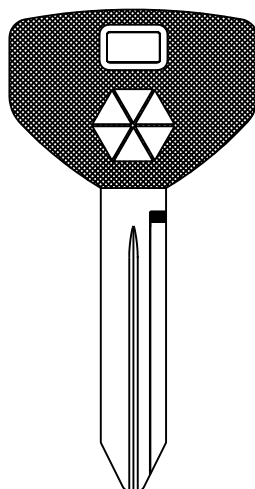
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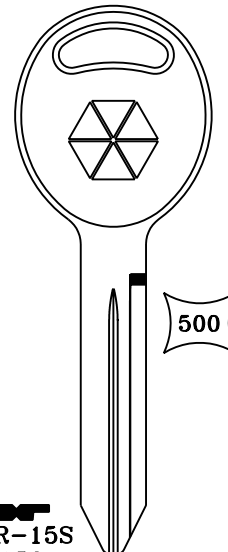
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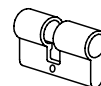
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Y157



CHR-14.PS
Y157P



CHR-15S
Y159



JMA

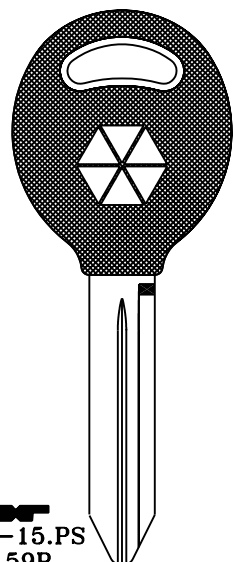
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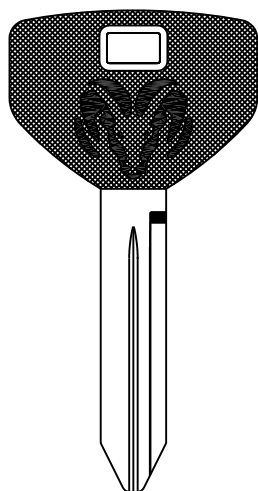
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

CHRYSLER



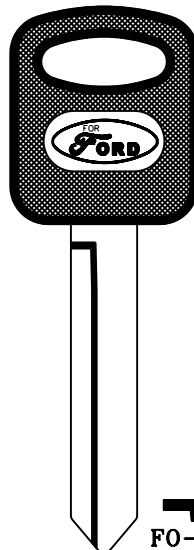
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DODGE

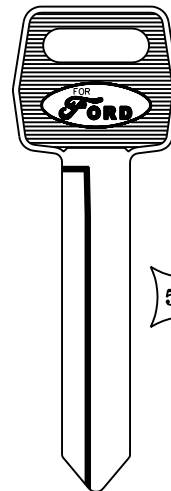


CHR-14.PS1

FORD

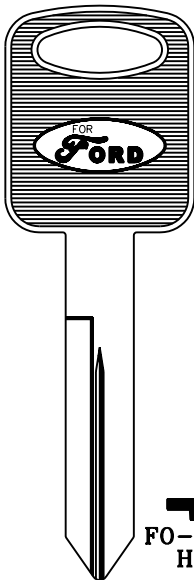


FO-8D.PS
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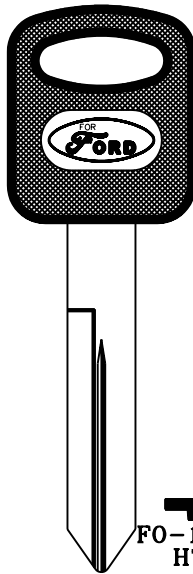


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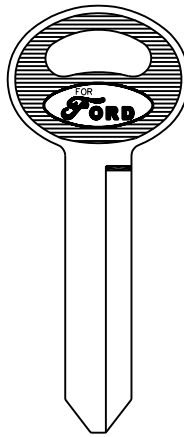
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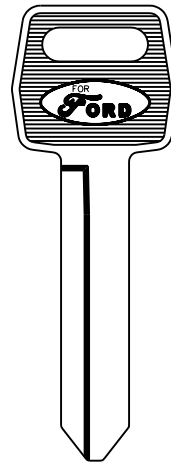
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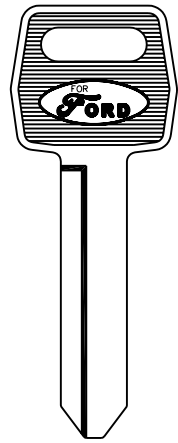
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FO-19S
H50

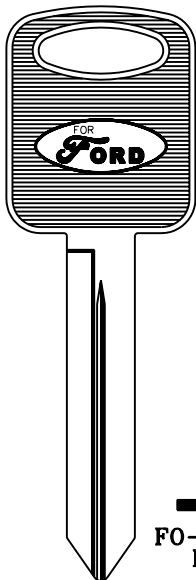


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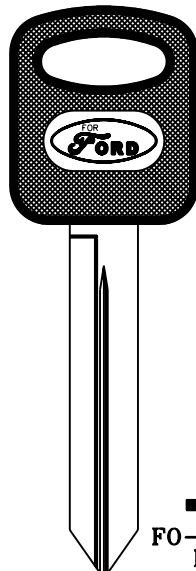


FO-21DS
H51

FORD

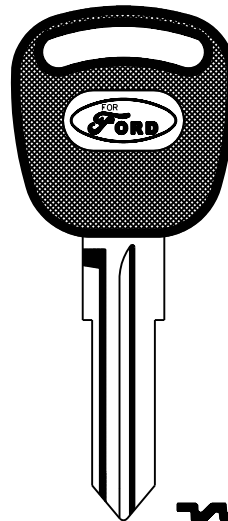


FO-27DS
H86



FO-27D.PS
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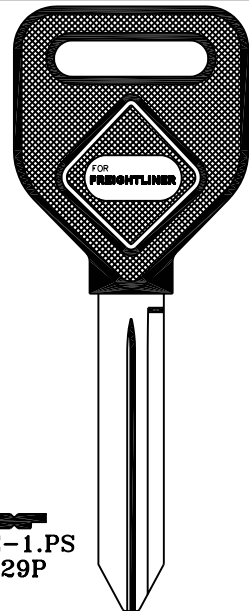
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FO-TX.PS
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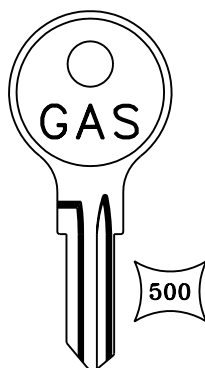
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JAGUAR-PANTERA-ROVER

FREIGHTLINER



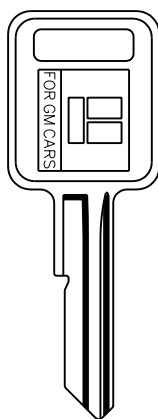
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1629P

GAS



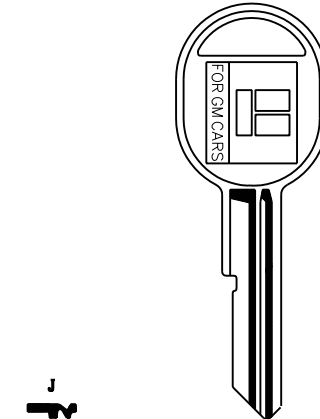
GAS-1S

GENERAL MOTORS



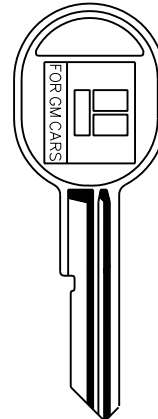
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GM-8S
B44

A
GM-6S
B48



J
GM-9S
B46

C
GM-7S
B50



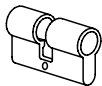
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GM-12S
B45

B
GM-10S
B49



K
GM-13S
B47

D
GM-11S
B51



JMA

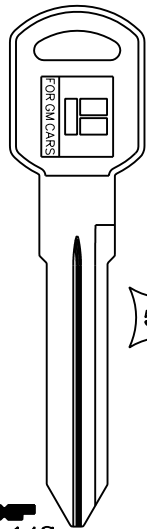
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marcas y denominaciones
comerciales ver nota en índice.

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and commercial denominations
see note in index.

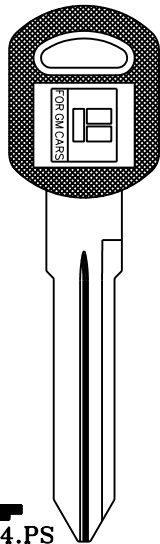
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

GENERAL MOTORS

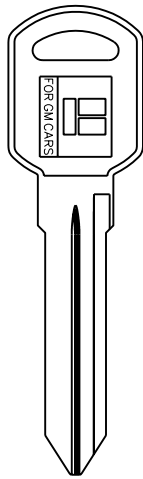


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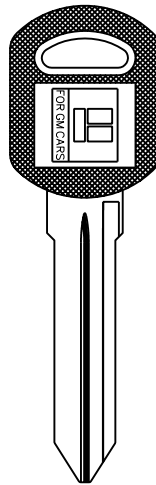
GM-14S
B86



GM-14.PS
B86P

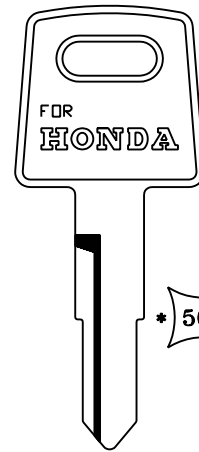


GM-25S



GM-25.PS

HONDA

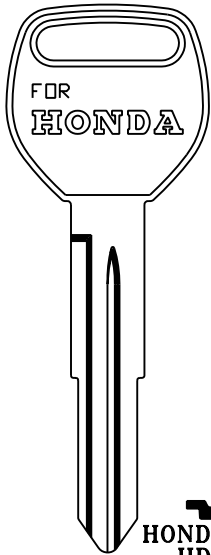


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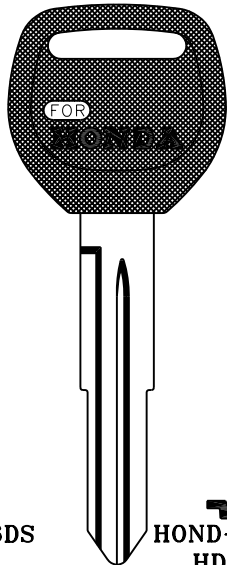
HOND-4IS
HD75

*HOND-4DS
HD63

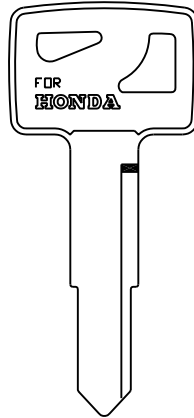
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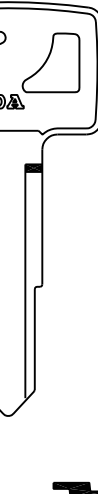
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HD103



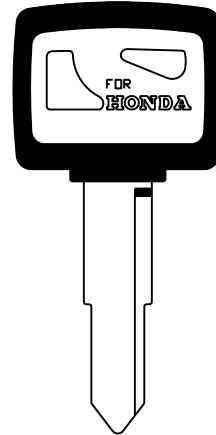
HOND-16D.PS
HD103P



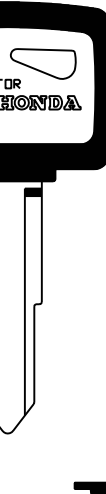
HOND-19S



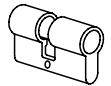
HOND-19DS



HOND-19.PS



HOND-19D.PS



JMA

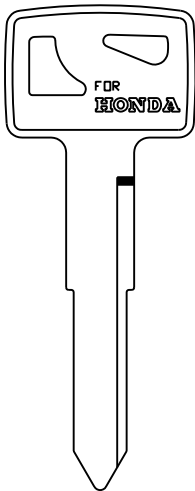
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marcas y denominaciones
comerciales ver nota en índice.

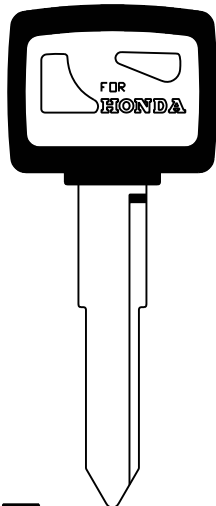
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
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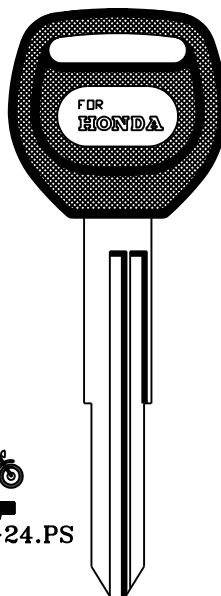
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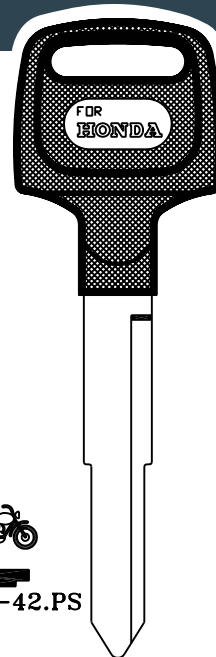
HOND-20S



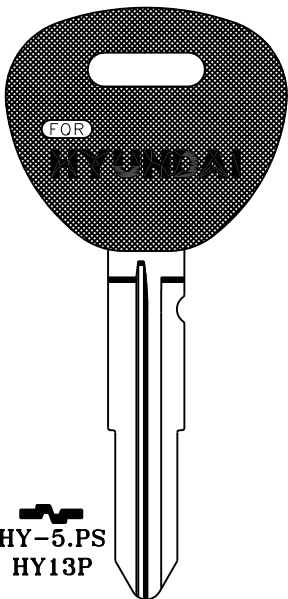
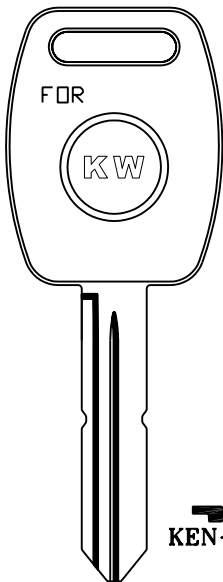
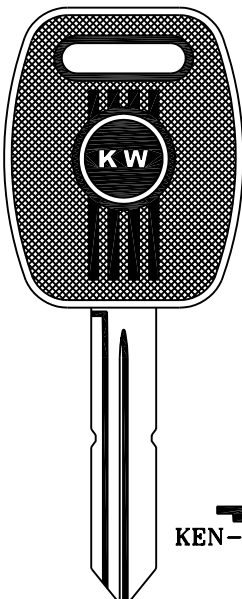
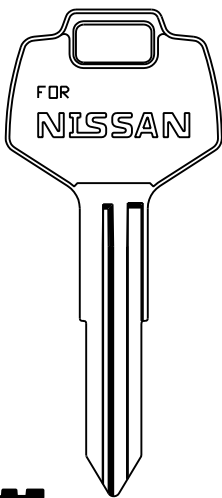




HOND-20.PS

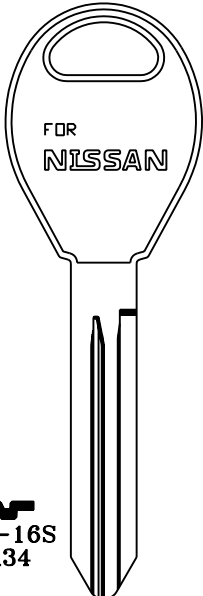
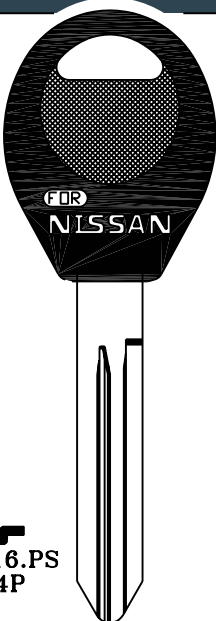
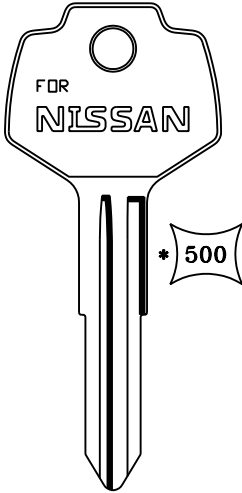
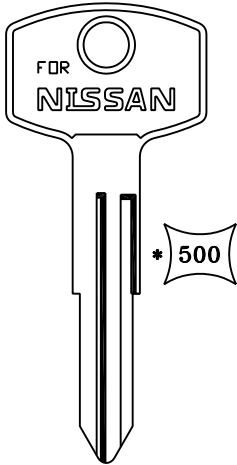








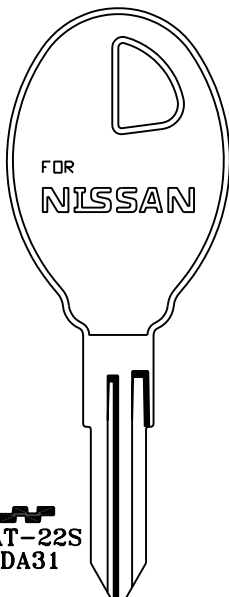
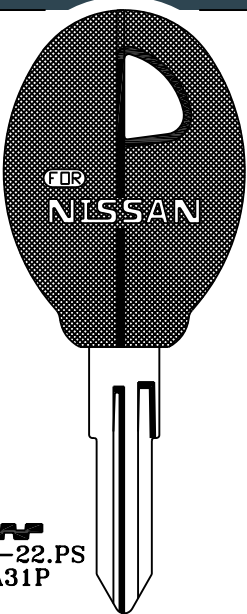
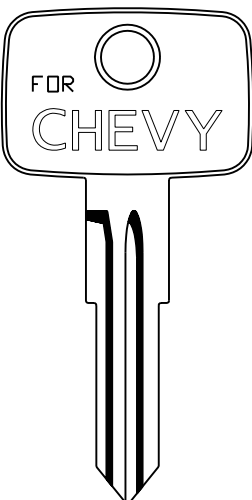
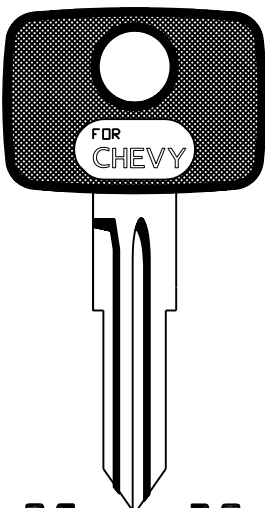






HOND-24.PS

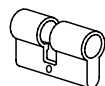


HOND-42.PS

HYUNDAI	KENWORTH	KENWORTH	NISSAN
			
 HY-5.PS HY13P	 KEN-2DS	 KEN-2D.PS	 DAT-12S DA25

NISSAN			
			
 DAT-16S DA34	 DAT-16.PS DA34P	 *DAT-17S  DAT-17DS	 *DAT-21S 62DT  DAT-21DS 62DU

NISSAN		OPEL	
			
 DAT-22S DA31	 DAT-22.PS DA31P	 OP-SS B61  OP-DS	 OP-S.PS  OP-D.PS



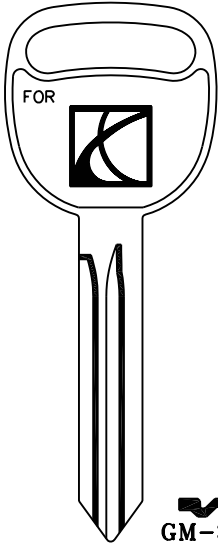

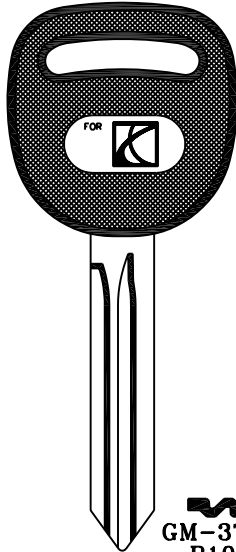

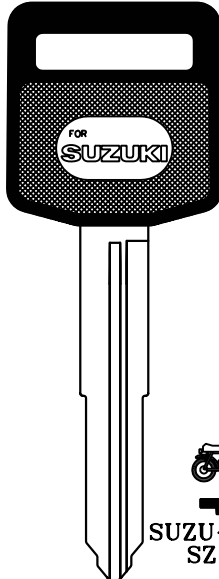
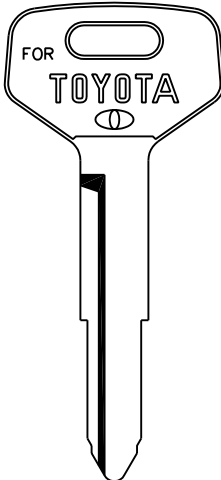






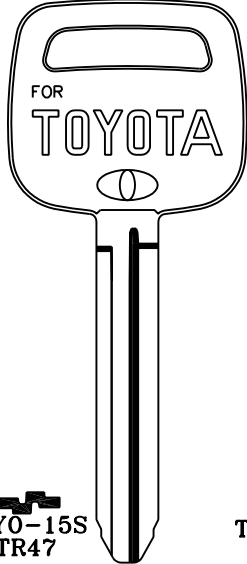

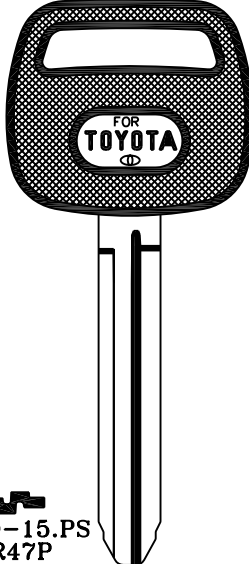

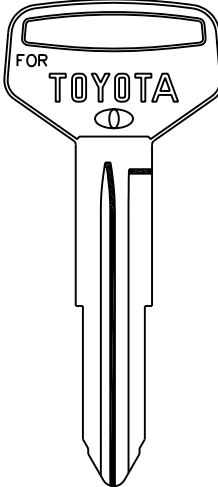

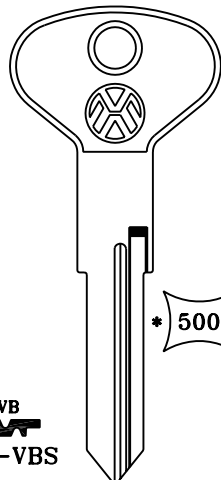


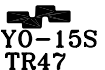
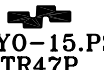




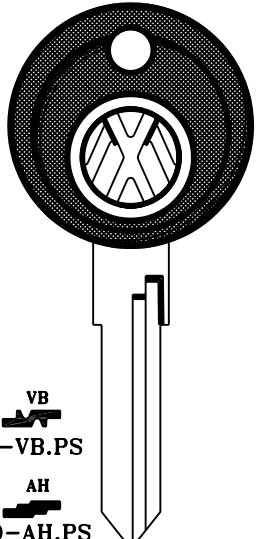

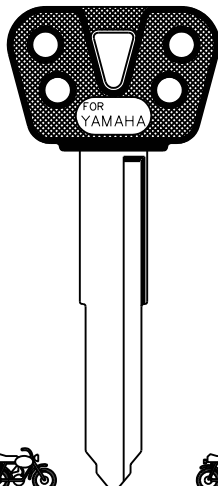




JMA

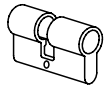
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see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

SATURN		SUZUKI	TOYOTA	
 FOR 	 FOR 	 FOR SUZUKI	 FOR TOYOTA 	
 GM-37S B106	 GM-37.PS B106P	 SUZU-12D.PS SZ14RAP	 TOYO-12DS	 TOYO-12S TR33
TOYOTA			VOLKSWAGEN	
 FOR TOYOTA 	 FOR TOYOTA 	 FOR TOYOTA 	 	 * 500
 TOYO-15S TR47	 TOYO-15.PS TR47P	 TOYO-20S	 TOYO-20DS TR40	 *VO-VBS  VO-AHS
VOLKSWAGEN		YAMAHA		
 	 FOR YAMAHA			
 VO-VB.PS  VO-AH.PS V37P	 YAMA-26.PS	 YAMA-26D.PS YH35RBP		



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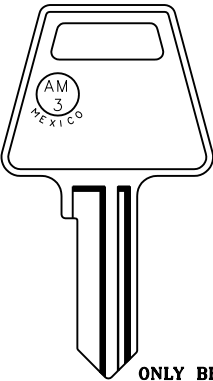
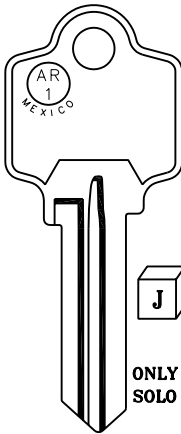
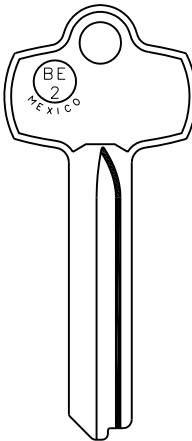
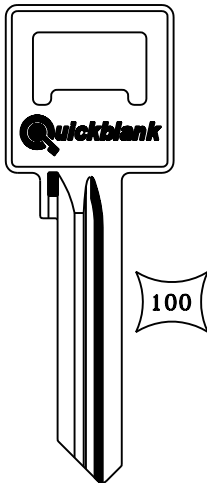


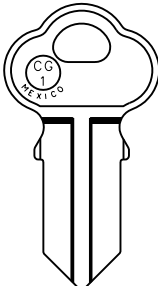
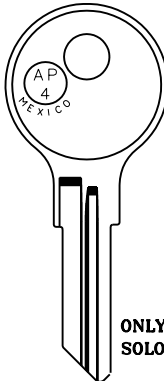
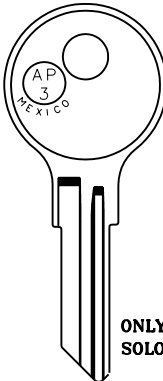
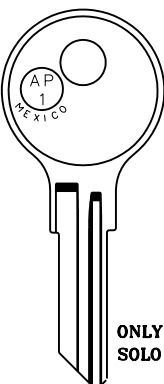
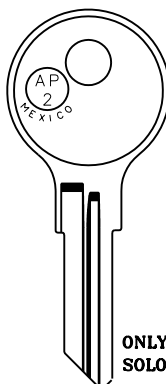
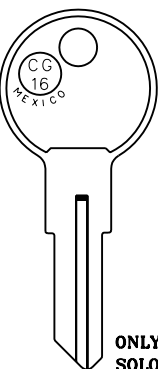
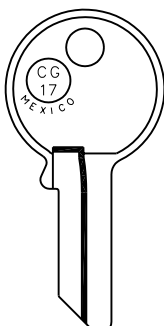
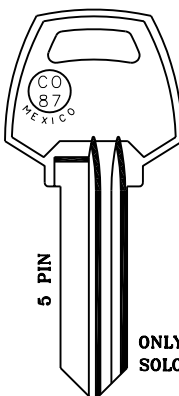
Attention: Concernant les
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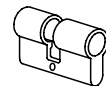
QUICKBLANKS LINE

*LÍNEA QUICKBLANKS
LIGNE QUICKBLANKS*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

AMERICAN LOCK		ARROW		BEST	CANTOL
	ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON		
AME-1E AM3		ARR-4DE AR1	ARR-5DE AR4	BES-1DE BE2	CTO-3DE
CCL		CHICAGO			
	ONLY BRASS SOLO LATON				
CCL-11E C068		CCL-12E C026	CHI-2E CG1	CHI-7DE AP4	CHI-8DE AP3
CHICAGO			CORBIN		
	ONLY BRASS SOLO LATON				
CHI-9DE AP1		CHI-10DE AP2	CHI-12DE CG16	CHI-13DE CG17	COR-8E C087



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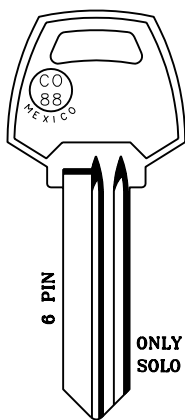
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and commercial denominations
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marques et dénominations
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l'index.

**QUICK
BLANKS**

CORBIN

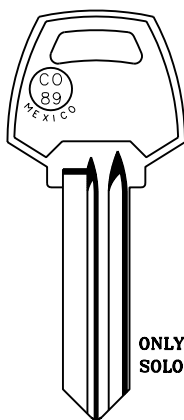
DEXTER



6 PIN

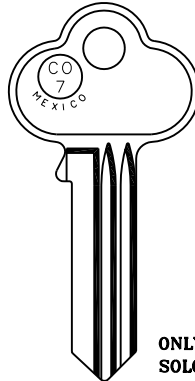
ONLY BRASS
SOLO LATON

COR-9E
C088



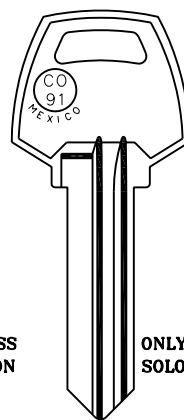
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SOLO LATON

COR-56E
C089



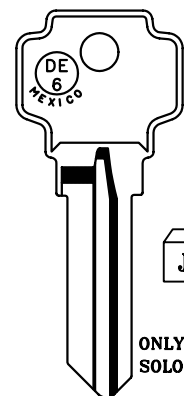
ONLY BRASS
SOLO LATON

COR-62E
C07



ONLY BRASS
SOLO LATON

COR-63E
C091



ONLY BRASS
SOLO LATON

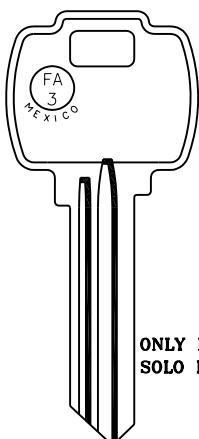
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DE6

FALCON

FANAL

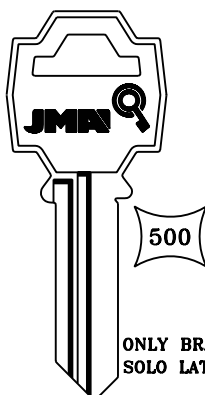
FORT

FORTE



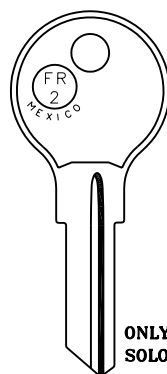
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SOLO LATON

FAL-1DE
FA3
WEISER



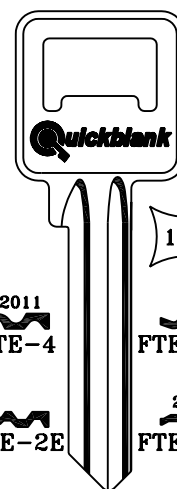
ONLY BRASS
SOLO LATON

FNL-1DE



ONLY BRASS
SOLO LATON

FR-11DE
FR2



2011
FTE-4

FTE-2E

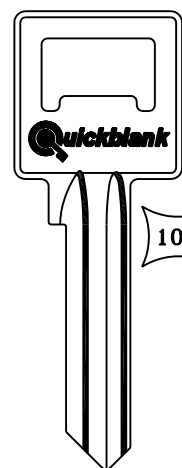
FTE-1E

100

2005
FTE-4DE

2009
FTE-2DE

FTE-1DE



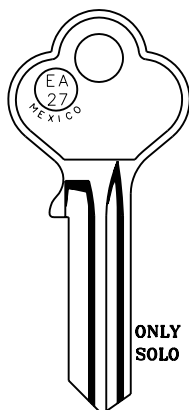
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FTE-3E **FTE-3DE**

HARLOC

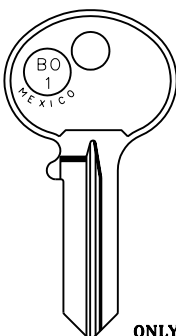
HUDSON

ILCO



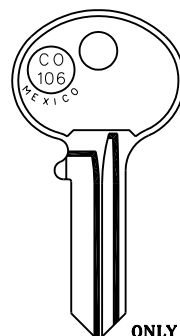
ONLY BRASS
SOLO LATON

HAR-11E
EA27



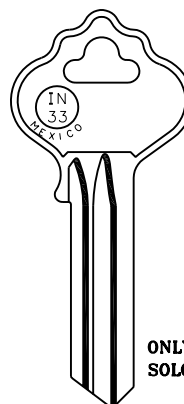
ONLY BRASS
SOLO LATON

HUD-3DE
B01



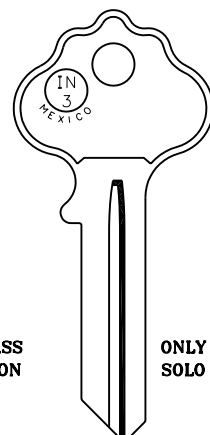
ONLY BRASS
SOLO LATON

HUD-3E
C0106



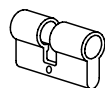
ONLY BRASS
SOLO LATON

ILC-2DE
IN33



ONLY BRASS
SOLO LATON

ILC-4DE
IN3



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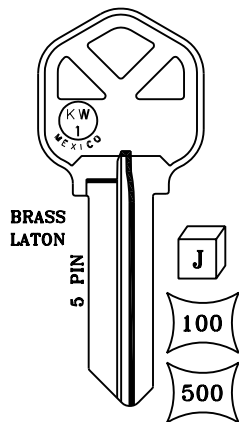
ILCO



ONLY BRASS
SOLO LATON

ILC-7DE
IN8

KWIKSET



BRASS
LATON

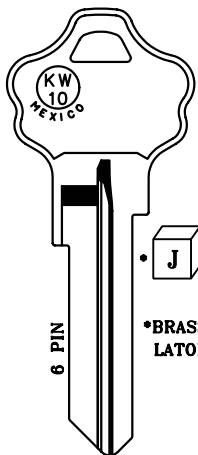
5 PIN



100

500

KWI-1KE
KW1

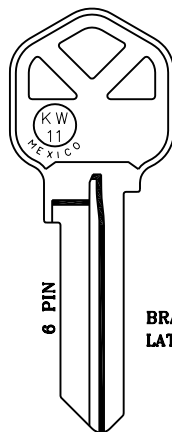


6 PIN



*BRASS
LATON

KWI-2DE
KW10

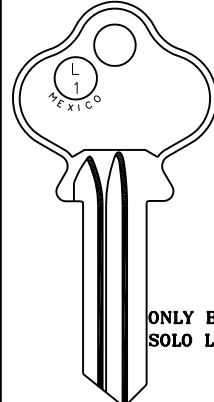


6 PIN

BRASS
LATON

KWI-5DE
KW11

LOCKWOOD



ONLY BRASS
SOLO LATON

LWO-4DE
L1

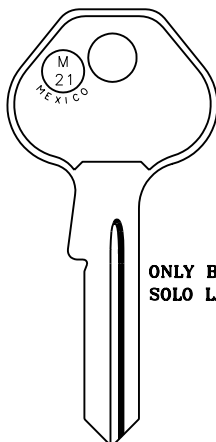
LSDA



ONLY BRASS
SOLO LATON

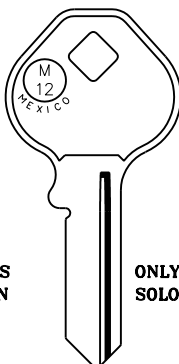
LSD-1DE
EZ1

MASTER



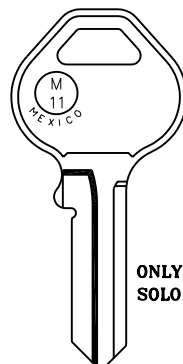
ONLY BRASS
SOLO LATON

7000
MAS-2DE
M21



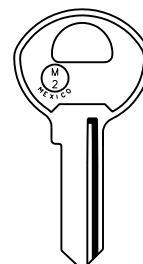
ONLY BRASS
SOLO LATON

MAS-3DE
M12



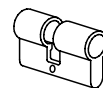
ONLY BRASS
SOLO LATON

MAS-5DE
M11



ONLY BRASS
SOLO LATON

MAS-7E
M2



JMA

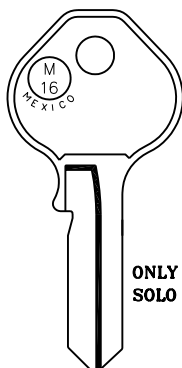
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comerciales ver nota en índice.

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and commercial denominations
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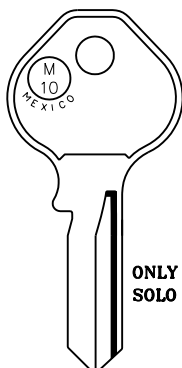
Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

MASTER



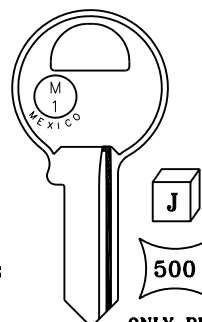
ONLY BRASS
SOLO LATON

MAS-9DE
M16



ONLY BRASS
SOLO LATON

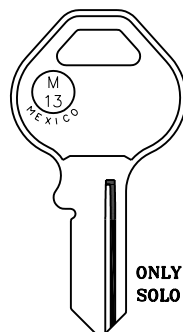
MAS-9E
M10



500

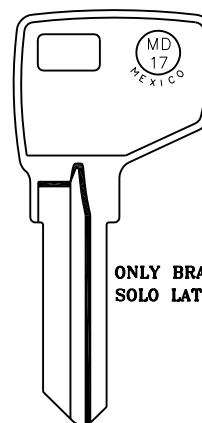
ONLY BRASS
SOLO LATON

MAS-10E
M1



ONLY BRASS
SOLO LATON

MAS-13DE
M13



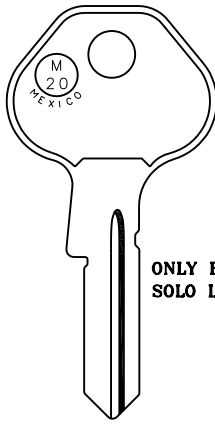
ONLY BRASS
SOLO LATON

MAS-16DE
MD17

QUICK
BLANKS

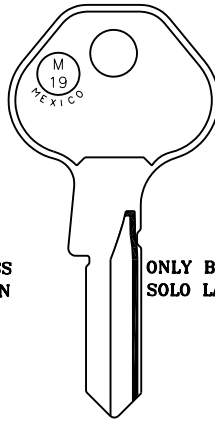
MASTER

NATIONAL CABINET



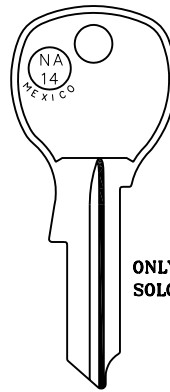
ONLY BRASS
SOLO LATON

6000
MAS-18DE
M20



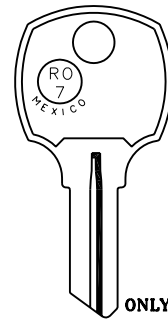
ONLY BRASS
SOLO LATON

900
MAS-19E
M19



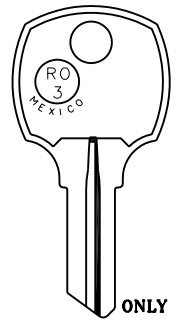
ONLY BRASS
SOLO LATON

NTC-1DE
NA14



ONLY BRASS
SOLO LATON

NTC-7DE
R07



ONLY BRASS
SOLO LATON

NTC-10DE
R03

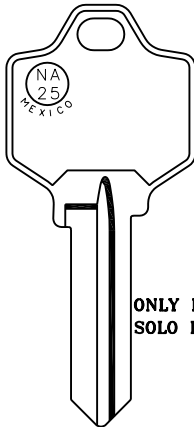
NATIONAL LOCK

NATIONAL ROCKFORD

PAPAIZ

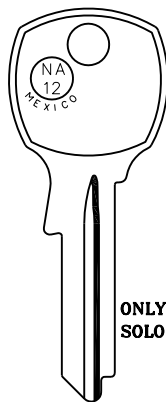
PHILLIPS

RUSSWIN



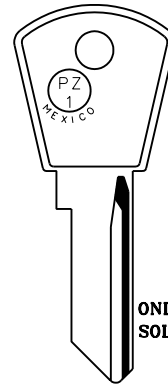
ONLY BRASS
SOLO LATON

NTL-1DE
NA25
NATIONAL ROCKFORD



ONLY BRASS
SOLO LATON

NTR-2DE
NA12



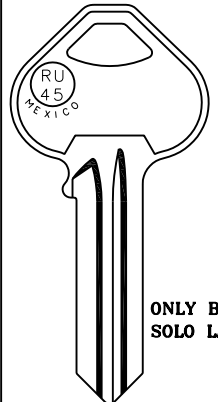
ONLY BRASS
SOLO LATON

PAP-1E
PZ1



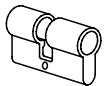
500
BRASS
LATON

PHI-52E



ONLY BRASS
SOLO LATON

RUS-4E
RU45



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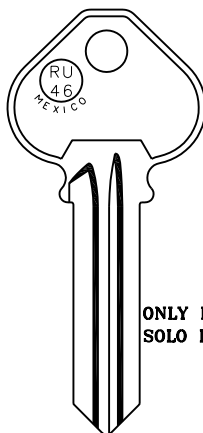
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

RUSSWIN

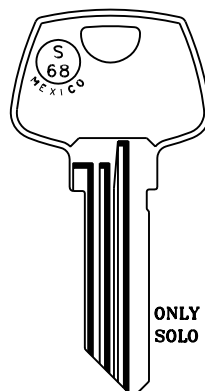
SARGENT

SCHLAGE



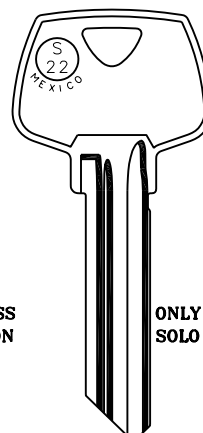
ONLY BRASS
SOLO LATON

RUS-5E
RU46



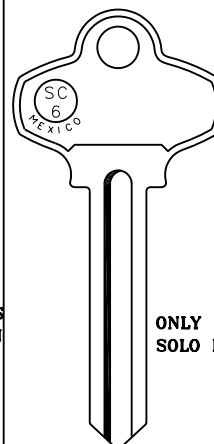
ONLY BRASS
SOLO LATON

S
SAR-2DE
S68



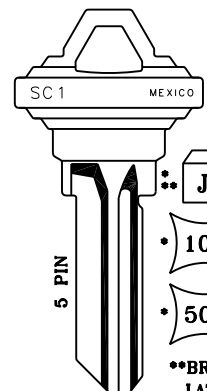
ONLY BRASS
SOLO LATON

LA
SAR-7E
S22



ONLY BRASS
SOLO LATON

A
SLG-1E
SC6

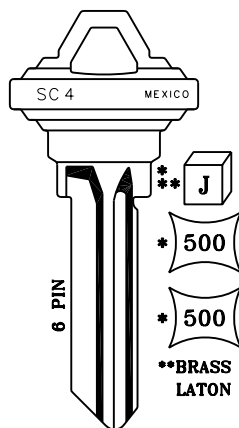


5 PIN
J
100
500
**BRASS
LATON

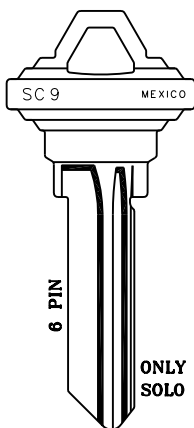
C
*SLG-3E
SC1

QUICK
BLANKS

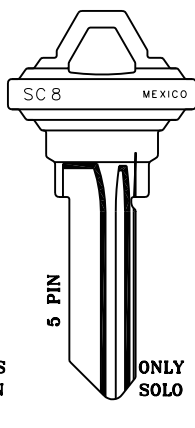
SCHLAGE



C
*SLG-4E
SC4

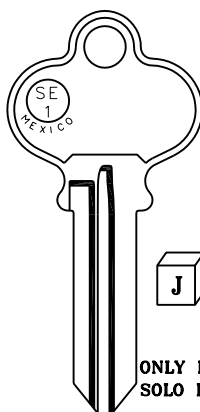


E
SLG-5E
SC9



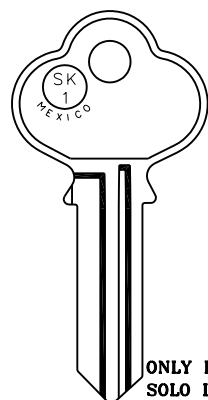
E
SLG-11E
SC8

SEGAL



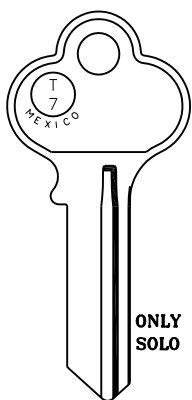
A
K9
SEG-1DE
SE1
HUDSON-READING

SKILLMAN



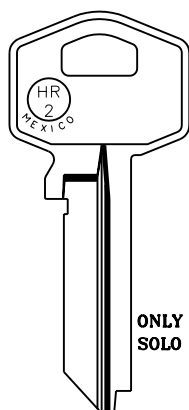
ONLY BRASS
SOLO LATON
SKI-1DE
SK1

TAYLOR

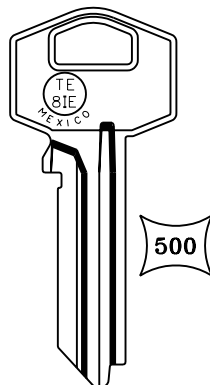


ONLY BRASS
SOLO LATON
TAY-3E
T7

TESA

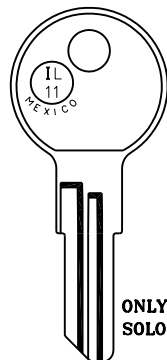


ONLY BRASS
SOLO LATON
TE-7DE
HR2



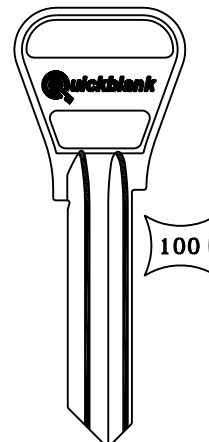
TE-81E

TIMBERLINE



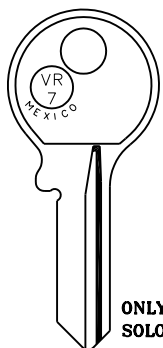
ONLY BRASS
SOLO LATON
TIM-1DE
IL11

TRAVEX

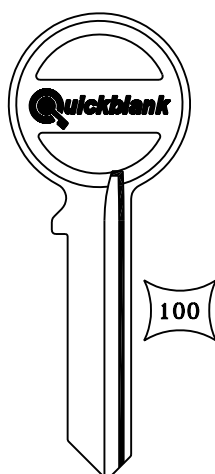


TRV-1E TRV-1DE

VIRO

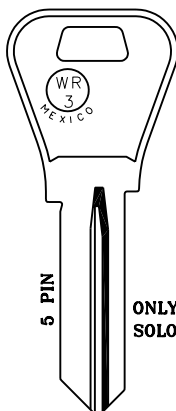


ONLY BRASS
SOLO LATON
VI-21E
VR7

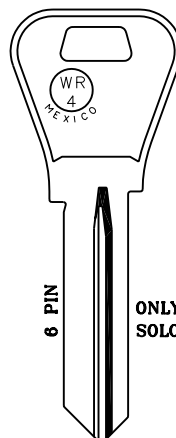


VI-13E VI-13DE

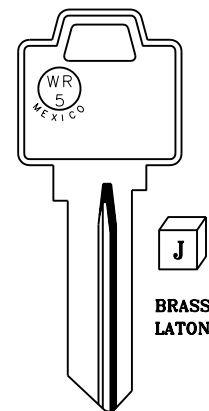
WEISER



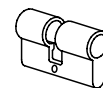
ONLY BRASS
SOLO LATON
WEI-1E
WR3



ONLY BRASS
SOLO LATON
WEI-2E
WR4



BRASS
LATON
WEI-3E
WR5



JMA

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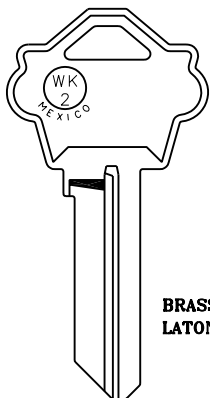
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and commercial denominations
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marques et dénominations
commerciales voir la note dans
l'index.

**QUICK
BLANKS**

WESLOCK

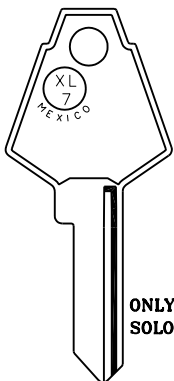


BRASS
LATON



WES-1DE
WK2

XL LETTER BOX

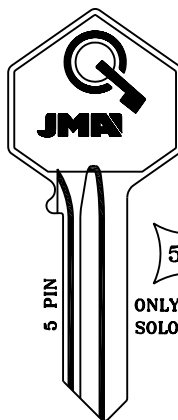


ONLY BRASS
SOLO LATON



XL-1E
XL7

YALE



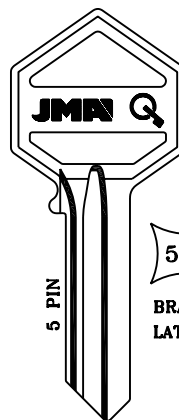
5 PIN

500

ONLY BRASS
SOLO LATON



YA-1DE



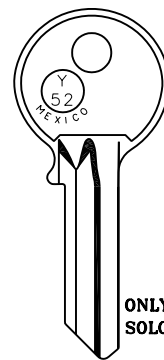
5 PIN

500

BRASS
LATON



YA-1DE1

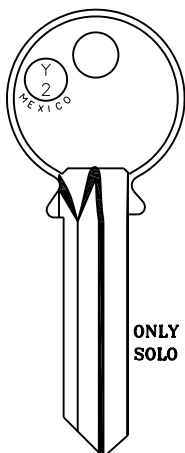


ONLY BRASS
SOLO LATON



YA-13DE
Y52

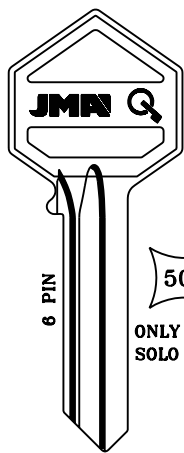
YALE



ONLY BRASS
SOLO LATON



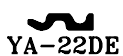
YA-17DE
Y2



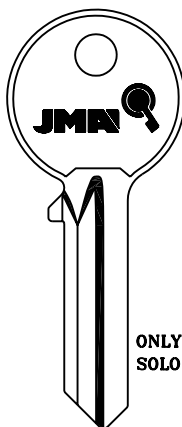
6 PIN

500

ONLY BRASS
SOLO LATON



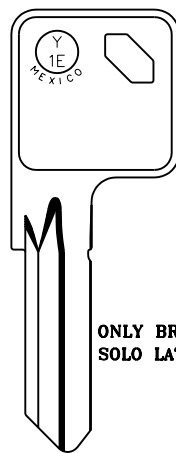
YA-22DE



ONLY BRASS
SOLO LATON



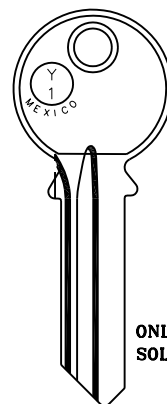
YA-24DE



ONLY BRASS
SOLO LATON



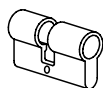
YA-34DE
Y1E



ONLY BRASS
SOLO LATON



YA-41DE
Y1



JMA

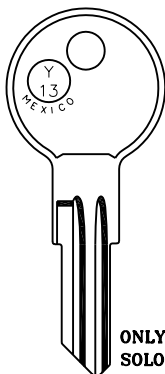
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commerciales voir la note dans
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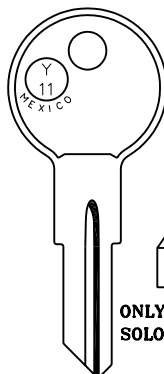
YALE



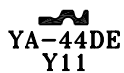
ONLY BRASS
SOLO LATON



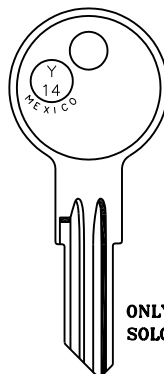
YA-44E
Y13



ONLY BRASS
SOLO LATON



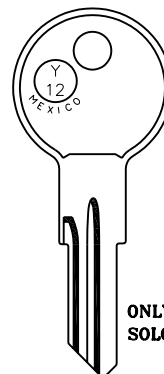
YA-44DE
Y11



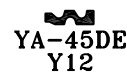
ONLY BRASS
SOLO LATON



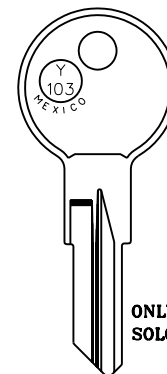
YA-45E
Y14



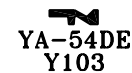
ONLY BRASS
SOLO LATON



YA-45DE
Y12



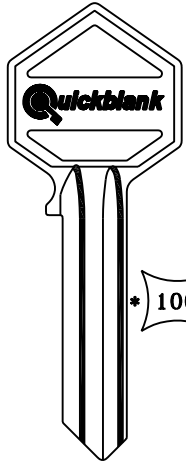
ONLY BRASS
SOLO LATON



YA-54DE
Y103

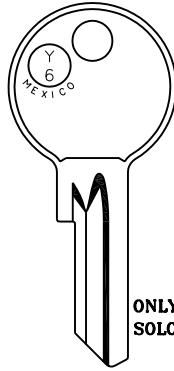
QUICK
BLANKS

YALE

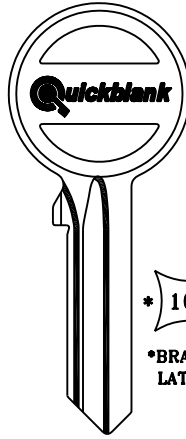


YA-70E

*YA-70DE

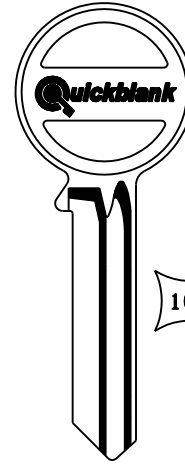


YA-82DE
Y6



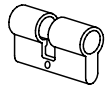
YA-87E

*YA-87DE



YA-138E

YA-138DE



JMA

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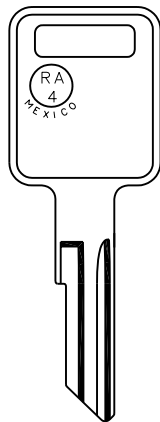
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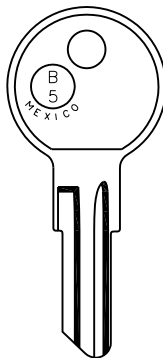
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marques et dénominations
commerciales voir la note dans
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**QUICK
BLANKS**

AMERICAN MOTORS

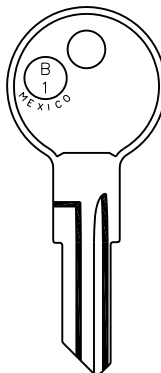


AMM-3E
RA4



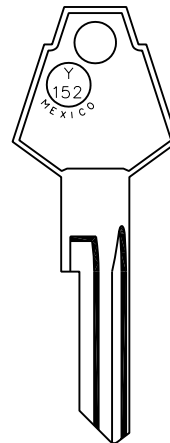
AMM-4E
B5

BRIGGS & STRATTON

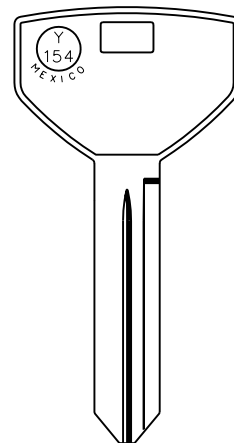


BS-10E
B1

CHRYSLER

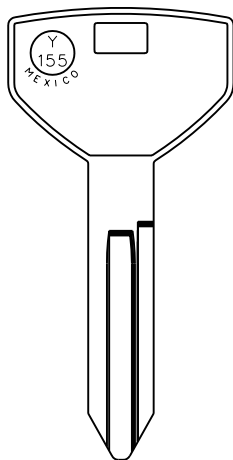


CHR-8E
Y152

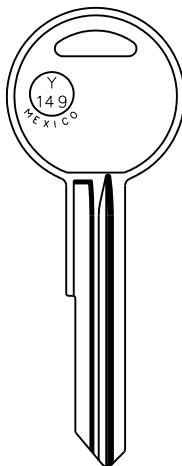


CHR-9E
Y154

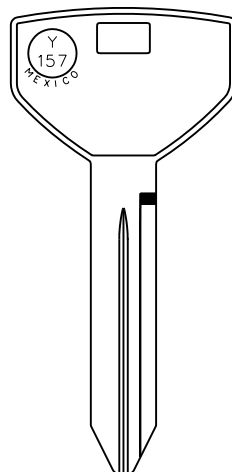
CHRYSLER



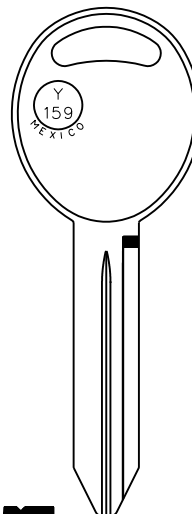
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Y155



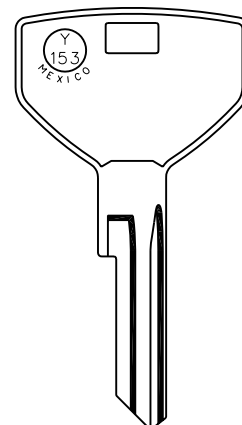
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Y149



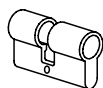
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Y157



CHR-15E
Y159



CHR-18E
Y153



JMA

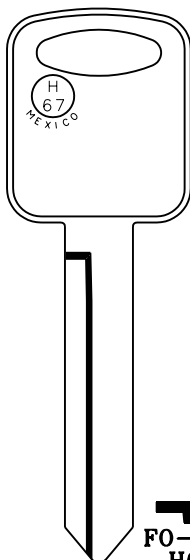
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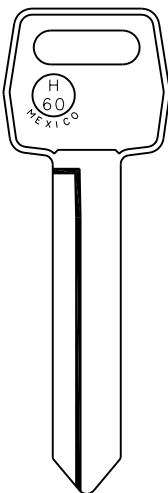
Attention: Concerning the marks
and commercial denominations
see note in index.

Attention: Concernant les
marques et dénominations
commerciales voir la note dans
l'index.

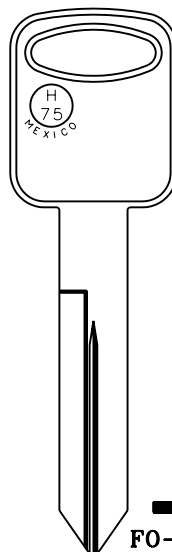
FORD



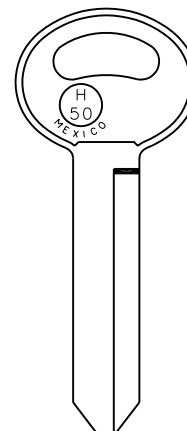
FO-8DE
H67



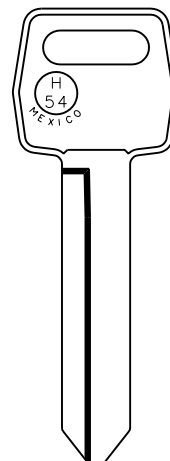
FO-11DE
H60



FO-15DE
H75



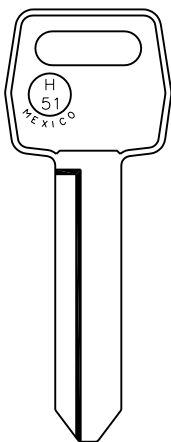
FO-19E
H50



FO-20DE
H54

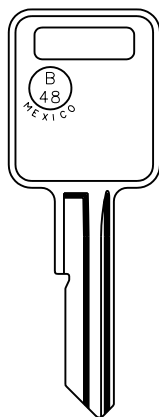
**QUICK
BLANKS**

FORD

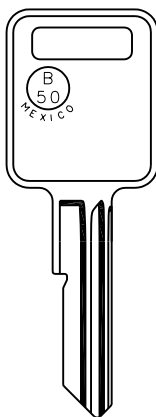


FO-21DE
H51

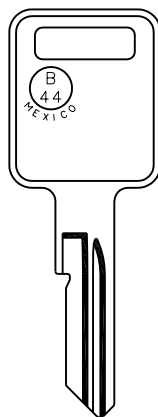
GENERAL MOTORS



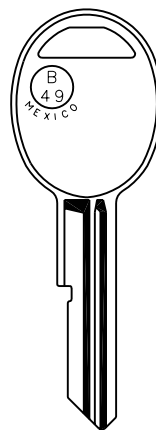
GM-6E
B48



GM-7E
B50

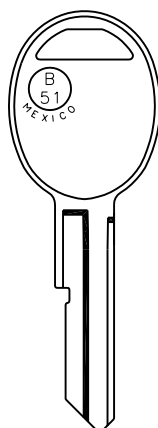


GM-8E
B44

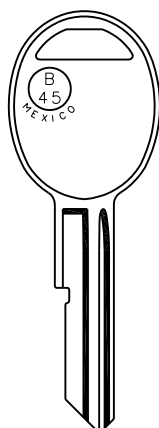


GM-10E
B49

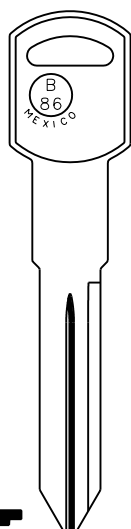
GENERAL MOTORS



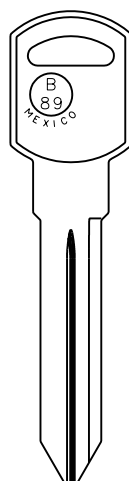
GM-11E
B51



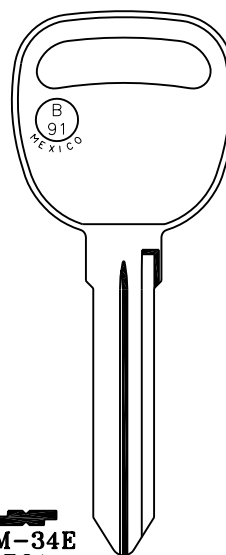
GM-12E
B45



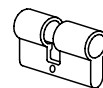
GM-14E
B86



GM-30E
B89



GM-34E
B91



JMA

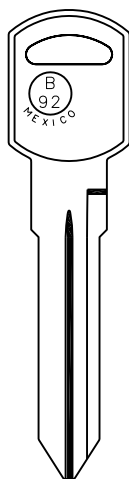
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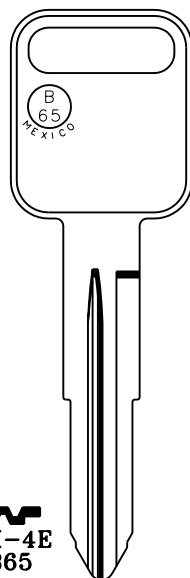
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marques et dénominations
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GENERAL MOTORS



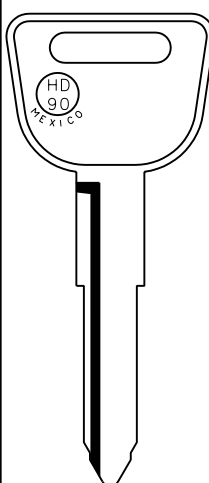
GM-36E
B92

GEO

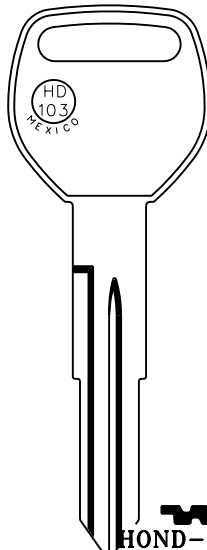


GM-4E
B65

HONDA

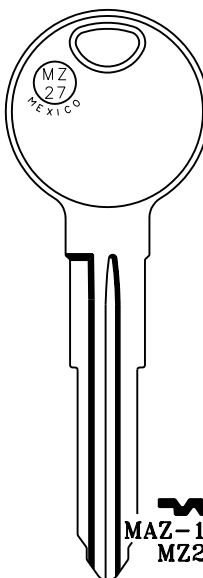


HOND-10E
HD90



HOND-16DE
HD103

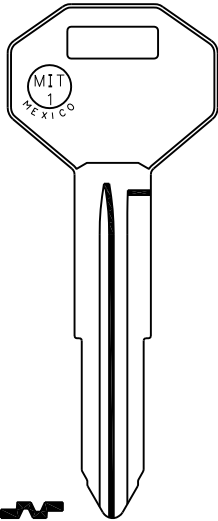
MAZDA



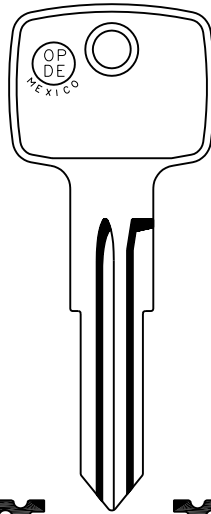
MAZ-13DE
MZ27

**QUICK
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MITSUBISHI



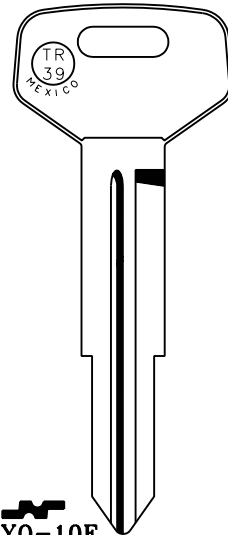
MIT-16E
MIT1



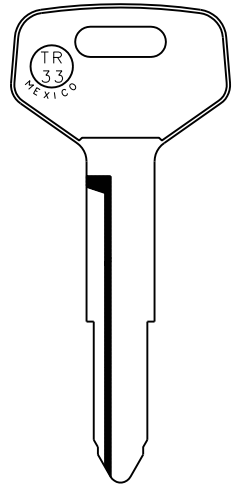
OP-SE **OP-DE**

G.M

TOYOTA

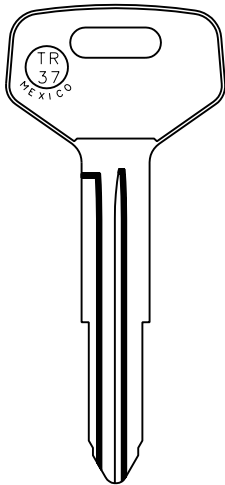


TOYO-10E
TR39

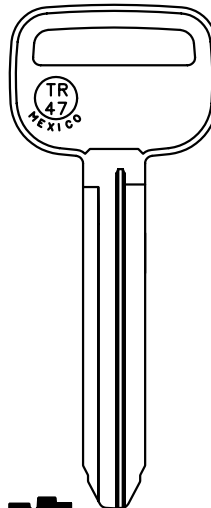


TOYO-12E
TR33

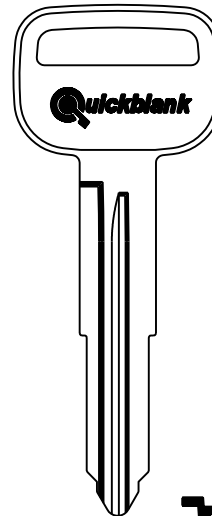
TOYOTA



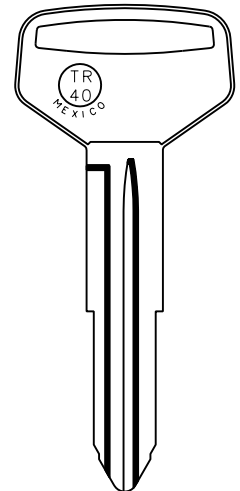
TOYO-13E
TR37



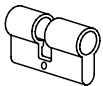
TOYO-15E
TR47



TOYO-17E



TOYO-20DE
TR40



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**QUICK
BLANKS**

MACHINES

*MÁQUINAS
MACHINES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

VIENNA SMART

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/MACHINE A COPIER



ENGLISH

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

Motor: Single phase 220V, 50 Hz, 0.18Kw, 1350 rpm, 1.7Amp.

Optional: 110V, 60Hz, 0.18Kw, 1700rpm, 3.14Amp.

Cutter: High speed steel (HSS); Ø80x16x5

Cutter speed: 650 rpm.

Clamps: Steel, with 4 clamping sides.

Optional: 4-face clamp SF (Portugal)

Displacement: On self-lubricated bearings.

Effective travel: X axis = 53 mm.

Lighting: By means of LED DIODES.

Transmission: Ribbed belts.

Dimensions: Width = 430 mm; Height = 280 mm;

Depth = 420 mm; Weight = 27 Kg;

Safety:

- Start switch on the back.
- Slide release button for key cutting.
- Ample cutter protection.
- Brush area protection.
- Swarf collection tray.



ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Motor: Monofásico 220V, 50 Hz, 0.18Kw, 1350 rpm, 1.7 Amp.

Opcional: 110V, 60Hz, 0.18Kw, 1700rpm, 3.14Amp.

Fresa: Acero extra rápido (HSS); Ø80x16x5

Velocidad fresa: 650 rpm.

Mordazas: De acero, con 4 caras de amarre.

Opcional: Mordaza 4 caras SF (Portugal).

Desplazamientos: Sobre cojinetes autolubricados.

Curso útil: Eje X = 53 mm.

Iluminación: Mediante DIODOS LED.

Transmisión: Correas estriadas

Dimensiones: 430 mm. Ancho; 280 mm. Alto;

420 mm. Profundidad: Peso: 27 Kg;

Seguridad:

- Interruptor trasero de puesta en marcha.
- Pulsador de desbloqueo de carro para duplicado.
- Protección amplio de fresa.
- Protección zona de cepillo.
- Bandeja para recogida de virutas.



4 sided clamp for cutting a variety of different keys. Compatible with earlier key-cutting machines (Dakota, Titan, Saratoga...).



Bright LED light with low power consumption



Easy access carriage release button



Integral and removable swarf tray

Mordaza 4 lados. Compatibles avec les modèles de machine antérieurs (Dakota, Titan, Saratoga...).

Iluminación novedosa mediante LED de bajo consumo para iluminar la zona de corte.

Sistema seguridad de bloqueo de carro. Desbloqueo mediante pulsador.

Incorpora bandeja de virutas

Étau 4 faces de serrage. Compatibles avec les modèles de machine antérieurs (Dakota, Titan, Saratoga...).

Nouvel éclairage par LED basse consommation pour la zone de coupe.

Système de sécurité de blocage de chariot. Débloqueo avec bouton-poussoir.

Récupère plateau de copeaux.

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

Moteur: Monophasé 220V, 50 Hz, 0.18Kw, 1350 tr/min 1.7Amp.

En option : 110V, 60Hz, 0.18Kw, 1700tr/min, 3.14Amp.

Fraise: Acier super rapide (HSS); Ø80x16x5

Vitesse fraise : 650 tr/min

Étau: Acier, avec 4 faces de serrage.

En option: Étau 4 faces SF (Portugal).

Déplacements: Sur paliers autolubrifiés.

Course utile : Axe X = 53 mm

Éclairage: Par DIODES LED.

Transmission: Courroies striées.

Dimensions: Largeur = 430 mm; Hauteur = 280 mm;

Profondeur = 420 mm; Poids = 27 Kg;

Sécurité:

- Interrupteur de mise en marche à l'arrière.
- Bouton de déverrouillage du chariot pour le copiage.
- Large protection de la fraise.
- Protection zone de brosse.
- Bac de ramassage des copeaux.



Micrometric depth adjustment



Steel wire de-burring brush.



Storage area for accessories, keys, tools, etc. with easy operator access.



Handles for moving the machine.

Réglage de profondeur micrométrique

Cepillo para rebavado de la llave

Bandeja para accesorios, llaves, herramientas, etc... de fácil acceso para el operario.

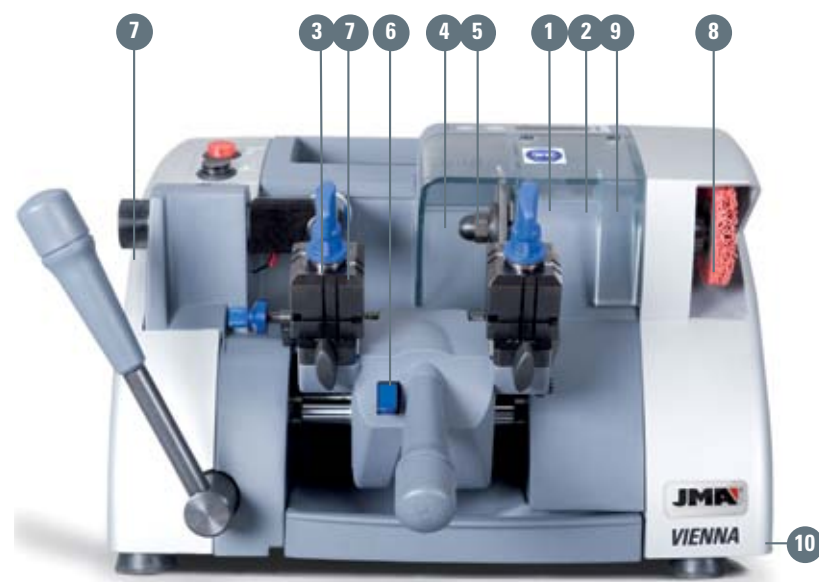
Agarraderos para desplazar la máquina.

Réglage de profondeur micrométrique

Brosse pour l'ébavurage de la clé.

Bac pour accessoires, clés, outils, etc., commode d'accès pour l'opérateur.

Poignées pour le déplacement de la machine.

**ENGLISH**

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

Motor: Single phase 220V, 50 Hz, 0.18Kw, 1350 rpm, 1.7 Amp.

Optional: 110V, 60Hz, 0.18Kw, 1700rpm, 3.14Amp.

Cutter: High speed steel (HSS); Ø80x16x5

Cutter speed: 612 rpm.

Clamps: Steel, with 4 clamping sides.

Optional: 4-face clamp SF (Portugal)

Displacement: On self-lubricated bearings.

Effective travel: X axis = 53 mm.

Lighting: By means of DIODES.

Transmission: Ribbed belts with self-tightening system.

Dimensions: Width = 430 mm; Height = 280 mm;

Depth = 420 mm; Weight: 27 Kg

Safety:

- Start switch on the back.
- Slide release button for key cutting. Automatic stop removal system.
- Ample cutter protection.
- Brush area protection.
- Swarf collection tray.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Motor: Monofásico 220V, 50 Hz, 0.18Kw, 1350 rpm, 1.7 Amp.

Opcional: 110V, 60Hz, 0.18Kw, 1700rpm, 3.14Amp.

Fresa: Acero extra rápido (HSS); Ø80x16x5

Velocidad fresa: 612 rpm.

Mordazas: De acero, con 4 caras de amarre.

Opcional: Mordaza 4 caras SF (Portugal).

Desplazamientos: Sobre cojinetes autolubricados.

Curso útil: Eje X = 53 mm.

Iluminación: Mediante DIODOS.

Transmisión: Correas estriadas con sistema de autoensado.

Dimensiones: 430 mm. de ancho; 280 mm de alto;

420 mm de profundidad; Peso: 27 Kg

Seguridad:

- Interruptor trasero de puesta en marcha.
- Pulsador de desbloqueo de carro para duplicado.
- Sistema automático de retirada de topes.
- Protección amplio de fresa.
- Protección zona de cepillo.
- Bandeja para recogida de virutas.

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

Moteur: Monophasé 220V, 50 Hz, 0.18Kw, 1350 tr/min 1.7 Amp.

En option : 110V, 60Hz, 0.18Kw, 1700tr/min, 3.14Amp.

Fraise: Acier super rapide (HSS); Ø80x16x5

Vitesse fraise: 612 tr/min

Étau: Acier, avec 4 faces de serrage.

En option: Étau 4 faces SF (Portugal).

Déplacements: Sur paliers autolubrifiés.

Course utile : Axe X = 53 mm

Éclairage: Par DIODES.

Transmission: Courroies striées avec système de tension automatique.

Dimensions: Largeur = 430 mm; Hauteur = 280 mm;

Profondeur = 420 mm; Poids = 27 Kg;

Sécurité:

- Interrupteur de mise en marche à l'arrière.
- Bouton de déverrouillage du chariot pour le copiage.
- Système automatique de retrait des butées.
- Large protection de la fraise.
- Protection zone de brosse.
- Bac de ramassage des copeaux.



First machine to incorporate a partial and total key counter. You can control the keys cut on the machine during its life. Helps you keep count of the number of keys when making multiple copies.

Primera máquina en incorporar un contador llaves, parcial y total. Podemos controlar las llaves duplicadas en la máquina durante su vida. Nos ayuda la contabilización del número de llaves en las copias múltiples.

La première machine à incorporer un compteur de clés, partiel et total. Toutes les clés copiées pendant la durée de vie de la machine peuvent être contrôlées. Il facilite le comptage du nombre de clés lors des copies multiples.



Has an electronic regulation system that indicates the exact machine regulation point. The display shows the rotation direction of the adjustment wheel.

Cuenta con un sistema electrónico de regulación que indica el punto exacto de regulación de la máquina. El display muestra el sentido de giro de la rueda de reglaje.

Avec système électronique de réglage qui indique le point exact de réglage de la machine. L'afficheur montre le sens de rotation de la roue de réglage.



New clamp turning system. Compatible with earlier key-cutting machines (Dakota, Titan, Saratoga...).

Novedoso sistema de giro de mordaza. Compatibles con máquinas duplicadoras anteriores (Dakota, Titan, Saratoga...).

Système de rotation de l'étau innovant. Compatibles avec les modèles de machine antérieurs (Dakota, Titan, Saratoga...).



New lighting based on low consumption LED to light the cutting area.

Iluminación novedosa mediante led de bajo consumo para iluminar la zona de corte

Nouvel éclairage par DEL basse consommation pour la zone de coupe.



Environmentally friendly machine. Light switches off automatically when it is detected that the machine is not being used.

Máquina respetuosa con el medio ambiente. Apagado automático de luces si no detecta el uso de la máquina.

Machine respectueuse de l'environnement. Les lumières s'éteignent automatiquement si la machine ne travaille pas.



Automatic stop removal system, making key cutting quicker.

Sistema de retirada automática de los topes, agilizando el duplicado de la llave.

Système de retrait automatique des butées qui accélère le copiage de la clé.



Micrometric depth adjustment and first machine on the market to also incorporate micrometric lateral adjustment.

Reglaje de profundidad micrométrica y la primera en el mercado en incorporar también un reglaje lateral micrométrico.

Réglage de profondeur micrométrique et première machine du marché à incorporer également un réglage latéral micrométrique.



Brush for deburring the keys.

Cepillo para rebarbado de la llave.

Brosse pour l'ébavurage de la clé.



Tray for accessories, keys, tools, etc... with easy operator access.

Bandeja para accesorios, llaves, herramientas, etc... de fácil acceso para el operario

Bac pour accessoires, clés, outils, etc., comme d'accès pour l'opérateur.



Handles for moving the machine.

Agarraderos para desplazar la máquina.

Poignées pour le déplacement de la machine.

ECCO

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER



ENGLISH

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

CODE

MOTOR

ECCO

Single phase: 220 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO

110

Optional single phase: 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

TECHNICAL DATA

Cutter	FP11 (63x5x16)
Width	470mm
Height	280mm
Depth	245mm
Weight	15 kg;

OPTIONAL

SOFER jaw.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

CÓDIGO

MOTOR

ECCO

Monofásico: 220 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO

110

Opcional monofásico: 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

DATOS TÉCNICOS

Fresa	FP11 (63x5x16)
Anchura	470mm
Altura	280mm
Profundidad	245mm
Peso	15 kg;
Velocidad	

OPCIONAL

Mordaza SOFER 2 lados

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE

MOTEUR

ECCO

Monophasé: 220 V. 50 Hz. -
0,18 Kw. - 1350 tr/mn

ECCO

110

Option monophasé: 110 V. - 60 Hz -
0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	FP11 (63x5x16)
Largeur	470mm
Hauteur	280mm
Profondeur	245mm
Poids	15 kg;
Vitesse	

OPCIONAL

ETAUX SOFER 2 FACES.



2 Way hard steel jaws.

Mordaza de 2 lados mecanizada.

1 Etaux 2 faces.



Tracer point with micrometric adjustment.

Índice copiator con regulación micrométrica.

Réglage de profondeur micrométrique



Protection device.

Pantalla de protección.

Écran de protection.



ECCO PLUS

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER



ENGLISH

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

CODE

ECCO PLUS

MOTOR

Single phase: 220 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO PLUS
110

Optional single phase: 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

TECHNICAL DATA

Cutter	FP11 (63x5x16)
Width	520mm
Height	280mm
Depth	245mm
Weight	16 kg;

OPTIONAL

SOFER jaw.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

CÓDIGO

ECCO PLUS

MOTOR

Monofásico: 220 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO PLUS
110

Opcional monofásico 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

DATOS TÉCNICOS

Fresa	FP11 (63x5x16)
Anchura	520mm
Altura	280mm
Profundidad	245mm
Peso	16 kg;
Velocidad	

OPCIONAL

Mordaza SOFER 2 lados

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE

ECCO PLUS

MOTEUR

Monophasé: 220 V. 50 Hz. -
0,18 Kw. - 1350 tr/mn

ECCO PLUS
110

Option monophasé: 110 V. - 60 Hz -
0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	FP11 (63x5x16)
Largeur	520mm
Hauteur	280mm
Profondeur	245mm
Poids	16 kg;
Vitesse	

OPCIONAL

ETAUX SOFER 2 FACES.



2 way hard steel jaws.

Mordaza de 2 lados mecanizada.

1 Etaux 2 faces.



Tracer point with micrometric adjustment.

Índice coprador con regulación micrométrica.

Réglage de profondeur micrométrique



Protection device.

Pantalla de protección.

Écran de protection.



Brush incorporated.

Cepillo incorporado.

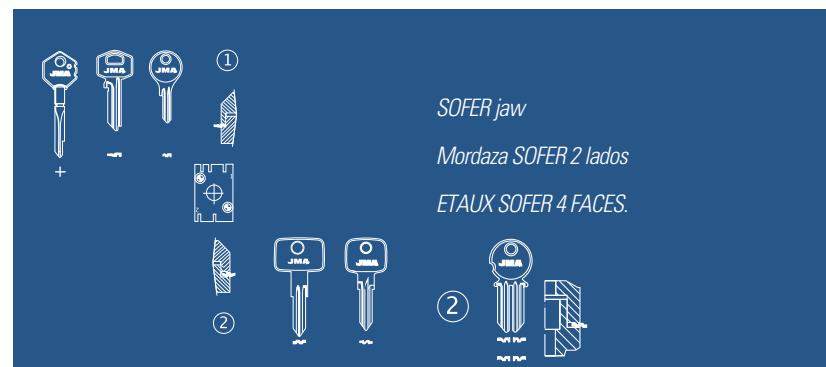
Brosse intégrée.



Side lever.

Palanca lateral en versión Ecco Plus.

Levier latéral.



SOFER jaw

Mordaza SOFER 2 lados

ETAUX SOFER 4 FACES.

ECCO AUTOMATIC

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER



ENGLISH

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

CODE MOTOR

ECCO AUTOMATIC Single phase: 230 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO AUTOMATIC 110 Optional single phase: 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

TECHNICAL DATA

Cutter	FP11 (60x5x16)
Width	520mm
Height	280mm
Depth	245mm
Weight	15 kg;

OPTIONAL

4 way SOFER jaw.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

CÓDIGO MOTOR

ECCO AUTOMATIC Monofásico: 230 V. 50 Hz. -
0,18 Kw. - 1350 r.p.m.

ECCO AUTOMATIC 110 Opcional monofásico 110 V. - 60 Hz -
0,18 Kw. - 1700 r.p.m.

DATOS TÉCNICOS

Fresa	FP11 (60x5x16)
Anchura	520mm
Altura	280mm
Profundidad	245mm
Peso	15 kg;
Velocidad	

OPCIONAL

Mordaza SOFER 4 lados

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE MOTEUR

ECCO AUTOMATIC Monophasé: 230 V. 50 Hz. -
0,18 Kw. - 1350 tr/mn

ECCO AUTOMATIC 110 Option monophasé: 110 V. - 60 Hz -
0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	FP11 (60x5x16)
Largeur	520mm
Hauteur	280mm
Profondeur	245mm
Poids	16 kg;
Vitesse	

OPCIONAL

ETAUX SOFER 4 FACES.



4 way hard steel jaws.

Mordaza de 4 lados mecanizada.

1 Etaux 4 faces.



Tracer point with micrometric adjustment.

Índice copiadador con regulación micrométrica.

Réglage de profondeur micrométrique



Brush incorporated.

Cepillo incorporado.

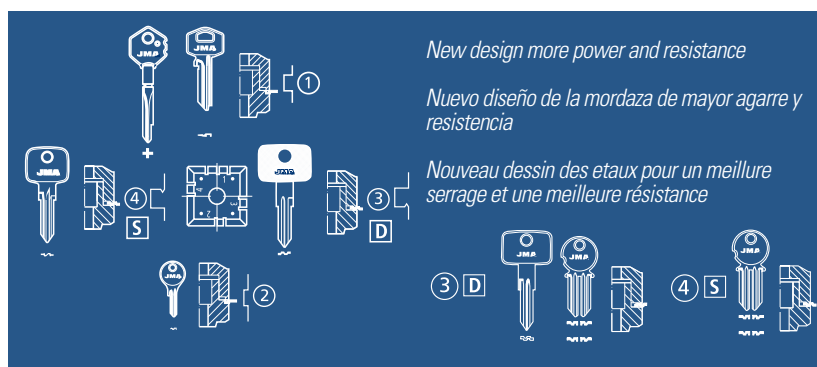
Brosse intégrée.



Independent brush switch.

Funcionamiento cepillo de forma autónoma.

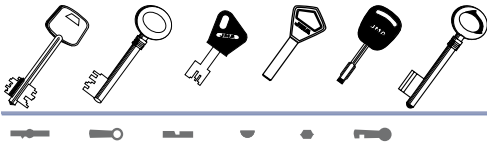
Fonctionnement autonome de la brosse.



New design more power and resistance

Nuevo diseño de la mordaza de mayor agarre y resistencia

Nouveau dessin des etaux pour un meilleur serrage et une meilleure résistance



ECCO COMBI

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/MACHINE A COPIER



Tracer point with micrometric adjustment.

Palpador para controlado

Réglage de profondeur micrométrique



Cutter guard.

Pantalla de protección.

Écran de protection.



Brush incorporated.

Cepillo incorporado.

Brosse intégrée.

ENGLISH

Versatile semi automatic duplicating machine (depending on the carriage) for ABLOY, FORD and MORTICE KEYS.

CODE

MOTOR

ECCO COMBI

Single phase: 220 V. 50 Hz. - 0,18 Kw. - 1350 r.p.m.

ECCO COMBI 110

Optional single phase: 110 V. - 60 Hz - 0,18 Kw. - 1700 r.p.m.

TECHNICAL DATA

Cutter	E.BIT FP8	E.RG FP8	E.ABL FP8	A.FD FP8
--------	--------------	-------------	--------------	-------------

Width	520mm
Height	280mm
Depth	245mm
Weight	16 kg;

OPTIONAL: Argentina Jaw

ESPAÑOL

Máquina semiautomática versátil (en función de sus carros) para llaves de Gorja de paletón y doble paletón, llaves tipo ABLOY y llaves FORD (por código) y regata.

CÓDIGO

MOTOR

ECCO COMBI

Monofásico: 220 V. 50 Hz. - 0,18 Kw. - 1350 r.p.m.

ECCO COMBI 110

Opcional monofásico: 110 V. - 60 Hz - 0,18 Kw. - 1700 r.p.m.

DATOS TÉCNICOS

	E.BIT FP8	E.RG FP8	E.ABL FP8	A.FD FP8
--	--------------	-------------	--------------	-------------

Fresa	520mm
Anchura	280mm
Altura	245mm
Profundidad	16 kg;
Peso	
Velocidad	

OPCIONAL: Mordaza Argentina

FRANÇAIS

Machine pour la reproduction de clés gorges à simple ou double panneton, clés à fraisage frontal, clés Ford, clés Abloy et clés à èves.

CODE COMBI

MOTEUR

ECCO COMBI

Monophasé: 220 V. 50 Hz. - 0,18 Kw. - 1350 tr/mn

ECCO COMBI 110

Option monophasé: 110 V. - 60 Hz - 0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	E.BIT FP8	E.RG FP8	E.ABL FP8	A.FD FP8
--------	--------------	-------------	--------------	-------------

Largeur	520mm
Hauteur	280mm
Profondeur	245mm
Poids	16 kg;
Vitesse	

OPCIONAL: Etaux Argentine

FEATURES	E.BIT	E.RG	E.FB	E.FB
Tracer point with micrometric adjustment / Palpador para controlado / Réglage de profondeur micrométrique	●	●	●	●
Cutter guard / Pantalla Protección / Écran de protection	●	●	●	●
Brush / Cepillo / Brosse	●	●	●	●
Micro - switch / Micro-interruptor / Micro - interrupteur	●	●	●	●
Safety fuse fitted / Protección fusibles / Protection par fusibles	●	●	●	●
FORD carriage/carro/ chariot				●
ABLOY carriage/carro/ chariot			●	
RG carriage/carro/ chariot		●		
BIT carriage/carro/ chariot	●			

OPTIONS

ECCO BIT

ECCO FORD

ECCO ABLOY

ECCO RG

TITAN MASTER

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER



ENGLISH

Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

CODE

TITAN MASTER

MOTOR

Single phase: 230 V. 50 Hz. -
0,18 Kw. -1350 rpm

TITAN MASTER 110

Optional single phase: 110 V. - 60 Hz
0,18 Kw. - 1700 rpm

TECHNICAL DATA

Cutter	FP24 (80x5x16-42°)
Width	410 mm.
Height	240 mm.
Depth	350 mm.
Weight	23 Kg.
Speed	640 r.p.m.

OPTIONAL

SOFER jaw.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

CÓDIGO

MOTOR

TITAN MASTER

Monofásico: 230 V. 50 Hz. -
0,18 Kw. -1350 rpm

TITAN MASTER 110

Opcional monofásico 110 V. - 60 Hz 0,18 Kw. - 1700 rpm

DATOS TÉCNICOS

Fresa	FP24 (80x5x16-42°)
Anchura	410 mm.
Altura	240 mm.
Profundidad	350 mm.
Peso	23 Kg.
Velocidad	640 r.p.m.

OPCIONAL

Mordaza SOFER 4 lados

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE

MOTEUR

TITAN MASTER

Monophasé: 230 V. 50 Hz. -
0,18 Kw. -1350 tr/mn

TITAN MASTER 110

Option monophasé: 110 V. - 60 Hz
0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	FP24 (80x5x16-42°)
Largeur	410 mm.
Hauteur	240 mm.
Profondeur	350 mm.
Poids	23 Kg.
Vitesse	640 tr/mn.

OPCIONAL

ETAUX SOFER 4 FACES.B



4 way hard steel jaws.

Mordaza de 4 lados mecanizada.

Etaux mécanique à 4 faces.



Tracer point with micrometric adjustment.

Índice copiadador con regulación micrométrica.

Réglage de profondeur micrométrique.



Brush incorporated.

Cepillo incorporado.

Brosse incorporée.



Double shaft movement system.

Sistema de movimiento de doble árbol.

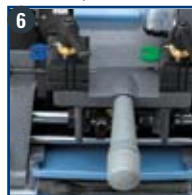
Translation du chariot sur un double axe.



Independent brush switch.

Funcionamiento cepillo de forma autónoma.

Fonctionnement autonome de la brosse.



Carriage release lever.

Bandeja para virutas.

Bac de récupération des copeaux.



Tray to collect swarf.

Compartimento para herramientas.

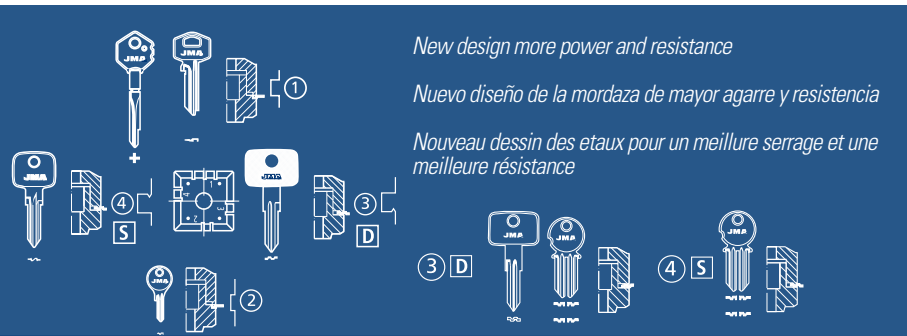
Compartiment à outils.



Lamp attachment.

Lámpara.

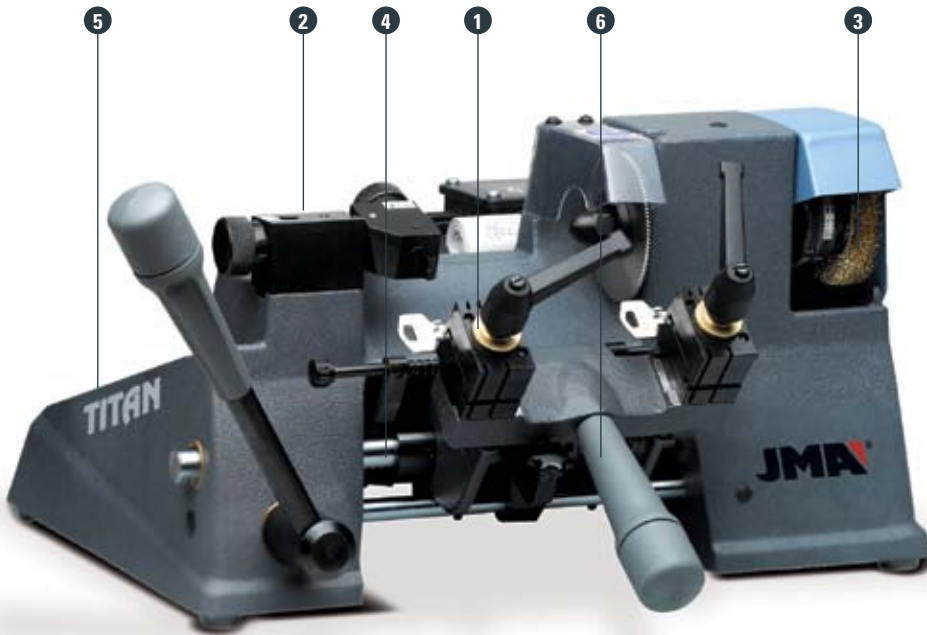
Lampe incluse.



New design more power and resistance

Nuevo diseño de la mordaza de mayor agarre y resistencia

Nouveau dessin des etaux pour une meilleure serrage et une meilleure résistance

**ENGLISH**

Semi automatic duplicating machine for flat keys for cylinder, automobile locks, cruciform and special keys.

CODE**MOTOR****TITAN**

Single phase: 230 V. 50 Hz. -
0,18 Kw. - 1350 rpm

TITAN 110

Optional single phase: 110 V. - 60 Hz
0,18 Kw. - 1700 rpm

TECHNICAL DATA

Cutter	FP24 (80x5x16-42°)
Width	410 mm.
Height	240 mm.
Depth	350 mm.
Weight	23 Kg.
Speed	640 r.p.m.

OPTIONAL

SOFER jaw.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

CÓDIGO**MOTOR****TITAN**

Monofásico: 230 V. 50 Hz. -
0,18 Kw. - 1350 rpm

TITAN 110

Opcional monofásico 110 V. - 60 Hz 0,18 Kw. - 1700 rpm

DATOS TÉCNICOS

Fresa	FP24 (80x5x16-42°)
Anchura	410 mm.
Altura	240 mm.
Profundidad	350 mm.
Peso	23 Kg.
Velocidad	640 r.p.m.

OPCIONAL

Mordaza SOFER 2 lados

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE**MOTEUR****TITAN**

Monophasé: 230 V. 50 Hz. -
0,18 Kw. - 1350 tr/mn

TITAN 110

Option monophasé: 110 V. - 60 Hz
0,18 Kw. - 1700 tr/mn

DONNÉES TECHNIQUES

Fraise	FP24 (80x5x16-42°)
Largeur	410 mm.
Hauteur	240 mm.
Profondeur	350 mm.
Poids	23 Kg.
Vitesse	640 tr/mn.

OPCIONAL

ETAUX SOFER 2 FACES.



2 way hard steel jaws.

Mordaza de 2 lados mecanizada.

Etaux mécanique à 2 faces.



Tracer point with micrometric adjustment.

Índice copiadador con regulación micrométrica.

Réglage de profondeur micrométrique.



Brush incorporated.

Cepillo incorporado

Brosse intégrée.



Double shaft movement system.

Sistema de movimiento de doble árbol.

Translation du chariot sur un double axe.



Independent brush switch.

Funcionamiento cepillo de forma autónoma.

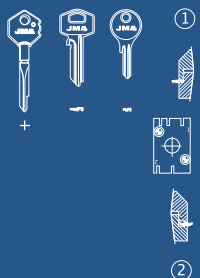
Fonctionnement autonome de la brosse.



Carriage release lever.

Palanca para desenganchar el carro.

Levier de déblocage du chariot.



New design more power and resistance

Nuevo diseño de la mordaza de mayor agarre y resistencia

Nouveau dessin des etaux pour un meilleure serrage et une meilleure résistance



DAKAR EXPRESS

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/MACHINE A COPIER



ENGLISH

Semi automatic duplicating machine for special security keys.

CODE MOTOR

DAKAR EXPRESS (universal)
230V. - 50Hz. -
200 W. - 8000 r.p.m.

DAKAR EXPRESS 110 (optional universal)
110V. - 60Hz. -
200 W. - 8000 r.p.m.

TECHNICAL DATA

Cutter F1
Tracer P1
Width 310mm.
Height 420mm.
Depth 275mm.
Functional range 60, 60, 40
Lamp 25W.
Weight 25 Kg.
Speed 5,500 r.p.m.

ESPAÑOL

Máquina semiautomática para el duplicado de llaves especiales de seguridad.

CÓDIGO MOTOR

DAKAR EXPRESS (universal)
230V. - 50Hz. -
200 W. - 8000 r.p.m.

DAKAR EXPRESS 110 (opcional universal)
110V. - 60Hz. -
200 W. - 8000 r.p.m.

DATOS TÉCNICOS

Fresa F1
Palpador P1
Anchura 310mm.
Altura 420mm.
Profundidad 275mm.
Rango Funcional 60, 60, 40
Lámpara 25W.
Peso 25 Kg.
Velocidad 5,500 r.p.m.

FRANÇAIS

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

CODE MOTEUR

DAKAR EXPRESS (Monophasé)
230V. - 50Hz. -
200 W. - 8000 r.p.m.

DAKAR EXPRESS 110 (option Monophasé)
110V. - 60Hz. -
200 W. - 8000 r.p.m.

DONNÉES TECHIQUES

Fresa	F1	Profundidad	275mm.
Palpador	P1	Rango Funcional	60, 60, 40
Anchura	310mm.	Lámpara	25W.
Altura	420mm.	Peso	25 Kg.
		Velocidad	5,500 r.p.m.



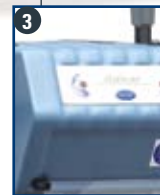
Fixed clamp.
Mordaza fija.

Etau fixe.



Interchangeable jaws.
Garas intercambiables.

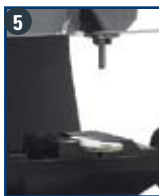
Pinces interchangeables.



Electronic setting device.
Sistema de regulación
electromecánico

Système de régulation
électromécanique.

Blocking tracer.
Dispositivo de muelle-
palpador.

Dispositif de ressort
palpeur.

Micrometric ring for setting up
(0,02").

Aro micrométrico.

Règlage micrométrique



Safety guard.

Protección para virutas.

Protection pour copeaux.



Tool storage tray.

Compartimento para
accesorios.Compartiment à
accessoires.

Lamp.

Lámpara.

Eclairage intégré.

AD-15°



JIS KEYS



AD-45°



MERCEDES KEYS

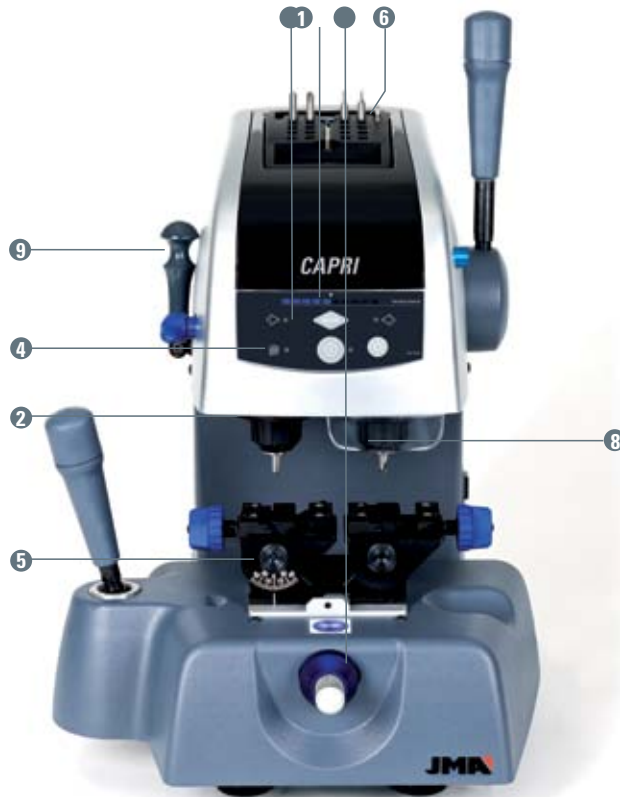
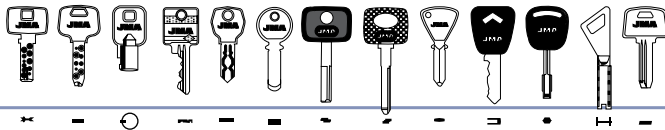


FORD KEYS



* Optional/Opcional/Optional
FIC-TUB Clamp.





Cutting force indicator, with optimum visual and sound indicator

Indicador de fuerza de duplicado, con indicador óptico visual y sonoro

Indicateur de force de duplication, avec indicateur optimal visuel et sonore.



Spring movement system indicator.

Indicador de sistema de muelle.

Indicateur de système d'amortissement.



Easy height adjustment by means of lights

Sencillez de reglajede altura mediante luces.

Simplicité du réglage de la hauteur par led.



New LED lighting system

Nuevo sistema de iluminación por LED

Nouveau système d'éclairage par led.



Top tray for keys and tools, with auxiliary tray for keeping matching cutters, tools,... The tray can also positioned separately above the work table.

Bandeja superior para llaves y herramientas, con bandeja auxiliar para el posicionado de fresas emparejadas, herramientas,... La bandeja puede colocarse independientemente encima de la mesa de trabajo.

Plateau supérieur pour clés et outils, avec plateau auxiliaire pour le positionnement de fraises couplées, outils... Le plateau peut être placé indépendamment sur la table de travail.



Tilting clamp with new insert system, making them easier to change and much simpler to adjust. Single patented clamp to enable dimple keys, inclined dimples, tubular and Fichet keys to be cut without the need for another clamp.

Mordaza inclinable con nuevo sistema de plaquitas, más fáciles de cambiar y mucho más sencillo de reglar. Única mordaza patentada que permite hacer llaves de puntos, puntos inclinados, tubulares y Fichet, sin necesidad de otra mordaza.

Mâchoire inclinable avec nouveau système de plaquettes plus faciles à changer et beaucoup plus simples à régler. La seule mâchoire brevetée qui permet de faire des clés à points, points inclinés, tubulaires et fichet, sans besoin d'autre mâchoire.



Tool-holder with quick tool-change system.

Porta-herramientas con sistema rápido de cambio de herramientas.

Porte-outils avec système de changement rapide d'outils.



Auxiliary hand support for cutting laser and tubular keys.

Apoyo auxiliar para la mano para el duplicado de las llaves de regata y tubulares.

Appui additionnel pour la main, pour la duplication de clés à vagues et tubulaires.

ENGLISH

CAPRI is the new JMA key cutting machine for dimple, laser, tubular and special keys, designed specifically for key-cutting professionals.

Motor: Universal 220V, 50 Hz, 400W, 16000 rpm, 1.7 Amp.
Optional: 110V, 60Hz, 400W, 1600rpm.

Milling Cutter: F1, F13 **Tracer:** P1, P13

Milling speed: 6000-11000 rpm.

Clamps: Patented double clamping area, can tilt from 0° to 45°.

Movements: Linear guides with runners.

Effective stroke: X axis = 71 mm; Y axis=62mm; Z axis=40mm;

Lighting: By means of DIODES.

Weight: 25 Kg

ESPAÑOL

CAPRI es la nueva máquina duplicadora de JMA para llaves de seguridad, regata, tubulares y especiales diseñada para los profesionales de la duplicación.

Motor: Universal 220V, 50 Hz, 400W, 16000 rpm, 1.7 Amp.
Opcional: 110V, 60Hz, 400W, 1600rpm.

Fresa: F1, F13; **Palpador:** P1, P13

Velocidad fresa: 6000-11000 rpm.

Mordazas: Doble zona de amarrado patentado y basculante de 0° y 45°

Desplazamientos: Guías lineales con rodillos de rodadura;

Curso útil: Eje X = 71 mm; Eje Y=62mm; Eje Z=40mm;

Iluminación: Mediante DIODOS.

Peso: 25 Kg

FRANÇAIS

CAPRI est la nouvelle machine duplicatrice de JMA pour clés de sécurité, à vagues, tubulaires et spéciales, conçue pour les professionnels de la duplication.

Moteur : Universel 220V, 50 Hz, 400 W, 16000 rpm.

En option:

110V, 60Hz, 400 W, 16000 rpm.)

Fraise : F1, F13; **Palpeur :** P1, P13

Vitesse de fraisage : 6000-11000 rpm.

Mâchoires : Double zone de fixation brevetée et basculante de 0° à 45°

Déplacements : Guides linéaires avec rouleau de roulement.

Parcours utile : Axe X = 71 mm; Axe Y= 62mm; Axe Z= 40mm

Éclairage : À travers des DIODES.

Poids : 25 Kg

DAKKI

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER

ENGLISH

Duplicating machine for special security keys.

Code: 110 V. - 60 Hz.

Cutter: F1 90° (HSS)

Tracer: P1

Width: 270 mm.

Height : 378 mm.

Depth: 340 mm.

Weight: 18 Kg.

Speed : 5.500 r.p.m.

Functional range(x,y,z) : 32, 40, 27

ESPAÑOL

Máquina duplicadora de llaves especiales de seguridad.

Código: 110 V. - 60 Hz.

Fresa F1 90° (HSS)

Palpador: P1

Anchura 270 mm.

Altura : 378 mm.

Profundidad: 340 mm.

Peso: 18 Kg.

Velocidad : 5.500 r.p.m.

Rango funcional(x,y,z) : 32, 40, 27

FRANÇAIS

Machine reproductrice de clés spéciales de sécurité.

Moteur : 110 V. - 60 Hz.

Fraise : F1 90° (HSS)

Palpeur : P1

Largeur : 270 mm.

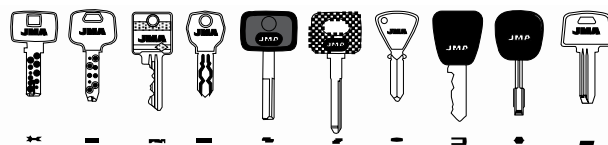
Hauteur : 378 mm.

Profondeur : 340 mm.

Poids : 18 Kg.

Vitesse : 5.500 r.p.m.

Rang fonctionnel (x,y,z) : 32, 40, 27



Semi automatic tracer
Reglajalpador semiautomático
Réglage dupalpeur semi-automatique



Side movement blocking system
Bloqueo eje desplazamiento lateral
Blocage axe de déplacement latéral



3. Upright movement blocking system
Bloqueo eje desplazamiento vertical
Blocage axe de déplacement vertical

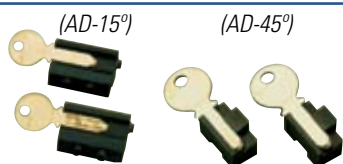


4. Fixed 1 side clamps / Mordazas fijas de una cara / Mâchoires fixes une face

5. Easy to use / Máquina de sencilla manipulación / Manipulation aisée

6. Small dimensions / Reducidas dimensiones / Dimensions réduites

Angle adapter
Adaptador de ángulo
Angle adapter



BMW keys
Llave BMW
BMW clés

(AD-MJ)



MCM keys
Llave MCM
MCM clés

(AD-MCM)



MERCEDES Keys
Llaves Mercedes
Clés MERCEDES



FORD keys
Llaves FORD
Clés FORD



TRS-5000 EVO

TP05 TP01 TPX1 TPX2 TPX4

MÁQUINA DUPLICADORA/KEY CUTTING MACHINES/ MACHINE A COPIER



ENGLISH

Electronic machine for duplicating the transponder keys of the primary brands, Philips ® and Texas ® in their variations, under a set and encrypted code over TPX1, TPX2 and TPX4 transponders, using technology developed by JMA.

TECHNICAL DATA

Width: 180 mm
Height: 90 mm
Depth: 150 mm
Weight: 600gr.

POWER SUPPLY

External Power: 110/230V; 50/60Hz
Consumption: 9V. d.c. / 2 Amperes

TECHNOLOGICAL DATA

Frequency Antenna: 125 KHz / 134.2KHz
Interface: RS232 Port Series & USB

ESPAÑOL

Máquina electrónica para el duplicado de las llaves de transponder de las principales marcas, Philips ® y Texas ® en sus variantes de código fijo y crypto sobre los transponders TPX1, TPX2 y TPX4, con tecnología desarrollada por JMA.

DATOS TÉCNICOS:

Ancho: 180 mm
Alto: 90 mm
Profundidad: 150 mm
Peso: 600gr.

Alimentación

Alimentación Externa: 110/230V; 50/60Hz
Consumo: 9V. d.c. / 2 Amperios

Datos Tecnológicos

Frecuencia Antena: 125 KHz / 134.2KHz
Interface: Puerto serie RS232 y USB

FRANÇAIS

Machine électronique pour la copie de clés à transpondeur des principales marques, Philips® et Texas®, dans leurs variantes à code fixe et crypto, sur les transpondeurs TPX1, TPX2 et TPX4, avec la technologie développée par JMA.

DONNÉES TECHNIQUES :

Largeur : 180 mm
Hauteur : 90 mm
Profondeur : 150 mm
Poids : 600gr.

ALIMENTATION

Alimentation externe : 110/230V ; 50/60Hz
Consommation : 9V. d.c. / 2 Ampères

DONNÉES TECHNOLOGIQUES

Fréquence Antenne : 125 KHz / 134.2KHz
Interface : Port série RS232 et USB



More detailed information on the original transponder, indicating the JMA transponder over the one to be cloned, and a guide of the steps to follow.

Información más detallada del transponder original, indicando el transponder JMA sobre el cual clonar y guía de los pasos a seguir.

Information détaillée du transpondeur original en indiquant le transpondeur JMA sur lequel effectuer la copie et guide des pas à suivre.



New PC software to facilitate updates that are carried out in an easy and automated manner..

Nuevo software de PC para facilitar que las actualizaciones se realicen de forma fácil y automática.

Nouveau logiciel de PC pour faciliter les actualisations automatiques.



A simple solution (READ & COPY) for 70% of the vehicles on the market, integrated into one piece of equipment

Una solución sencilla (READ©) para el 70% de vehículos del mercado, integrada en un único equipo.

Une solution simple (READ©) pour 70% des véhicules du marché, intégrée en un seul équipement



Only two cables: Power-Supply and Updating via USB.

Únicamente dos cables: Alimentación y Actualización via USB.

Seulement deux câbles : Alimentation et Actualisation via USB. Únicamente



HIGH SECURITY KEY DUPLICATION GUIDE

*GUÍA DE DUPLICADOS DE LLAVES DE SEGURIDAD MÁS COMUNES
GUIDE DE CLÉS DE SÉCURITÉ*

SYMBOLS · SIMBOLOGÍA · SIGNES CONVENTIONNELS



This key can be cut using the accessories supplied as standard with the machine

La llave puede ser reproducida utilizando los utensilios standar suministrados con la máquina

La clé peut être reproduite en utilisant les outils standards fournis avec la machine

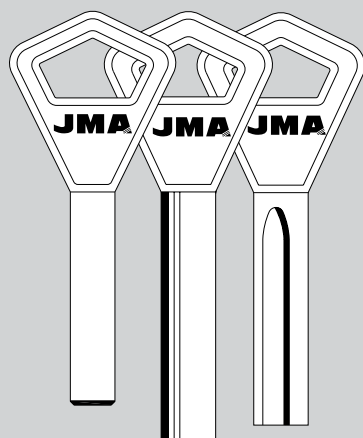


To duplicate this key, the necessary accessories are available as an optional extra

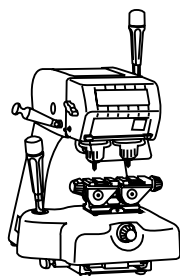
Utilización de los accesorios opcionales para la reproducción de la llave

La clé peut être reproduite en utilisant les outils en option

ABLOY

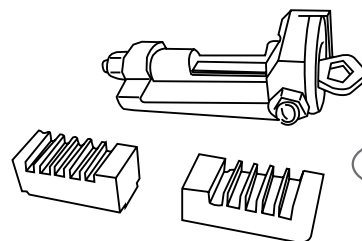


DAKAR - DAKAR EXPRESS



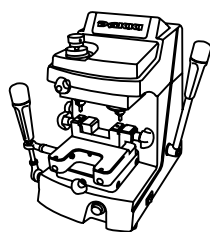
DAKKI

OPTIONAL COPY



AD-AB

SPECIAL ORDER



ECCO ABLOY

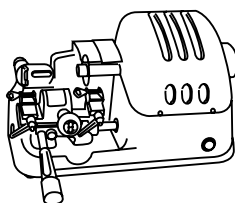
OPTIONAL COPY



F11

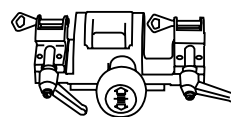


P11

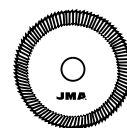


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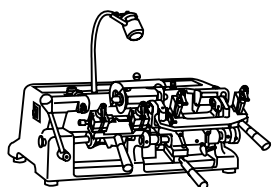
STANDARD COPY



EC-AB

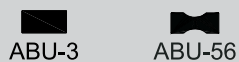
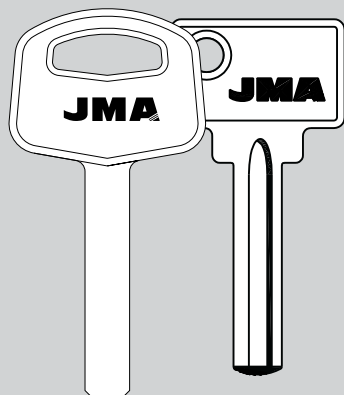


FP7 **FP8** FP9

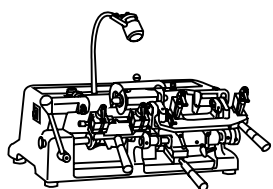


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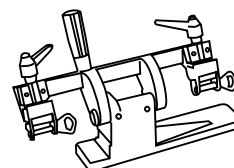
ABUS



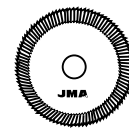
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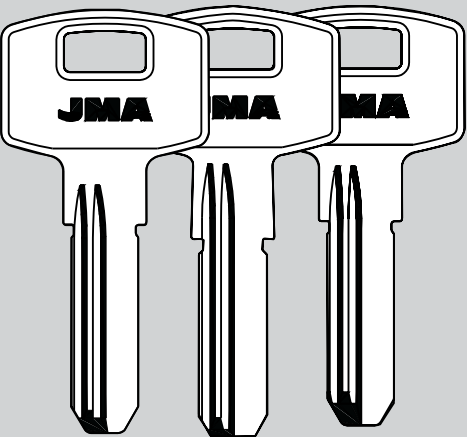


SY-AB



FP17 **FP19**

AMIG



AMG-8D

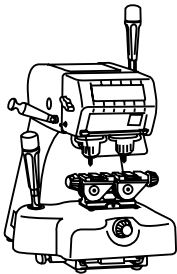


AMG-9D



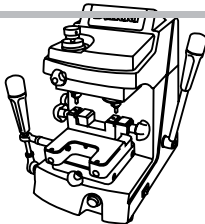
AMG-10

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

DAKKI



OPTIONAL COPY

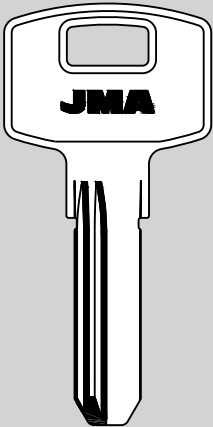


F5



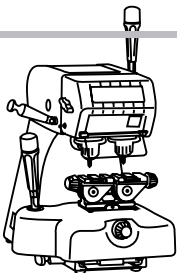
P5

APEX



AP-1D

DAKAR - DAKAR EXPRESS

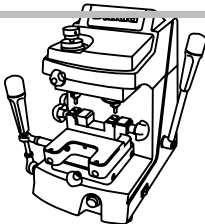


STANDARD COPY

OPTIONAL COPY

Dakar Express

DAKKI



OPTIONAL COPY

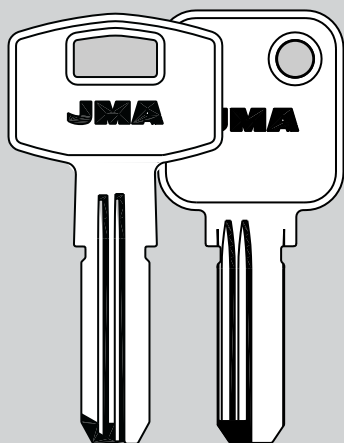


F13



P13

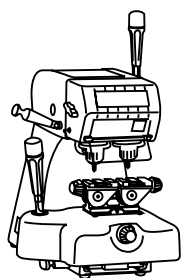
ASHICO



ASH-2

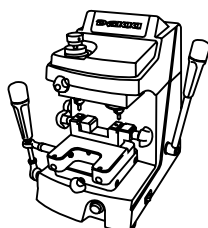
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DAKAR - DAKAR EXPRESS



OPTIONAL COPY

DAKKI



OPTIONAL COPY

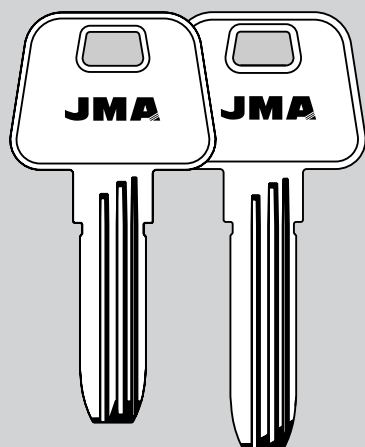


F5



P5

AZBE



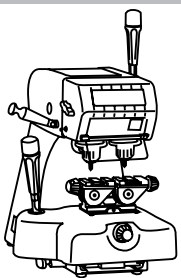
AZ-9

AZ-14

AZ-9D

AZ-12

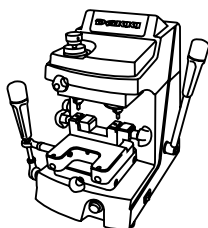
DAKAR - DAKAR EXPRESS



STANDARD COPY

OPTIONAL COPY
Dakar Exp res

DAKKI



STANDARD COPY

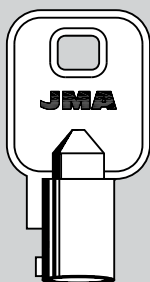


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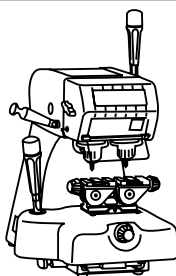
P13

CHICAGO



CHI-1T

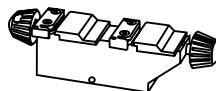
DAKAR



DAKAR EXPRESS



AD-TU1



AD-TU2

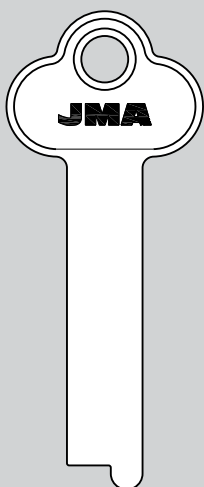


F8



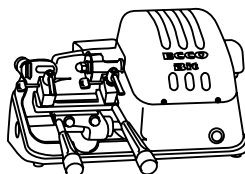
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DIEBOLD

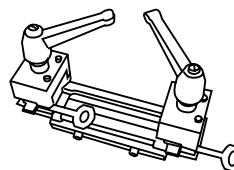


DIE-1

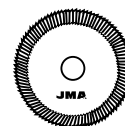
ECCO BIT



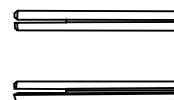
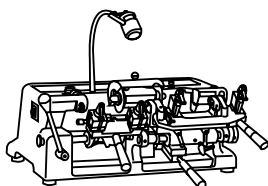
SAR ATOGA



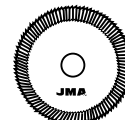
EC-BIT



FP7 **FP8** FP9

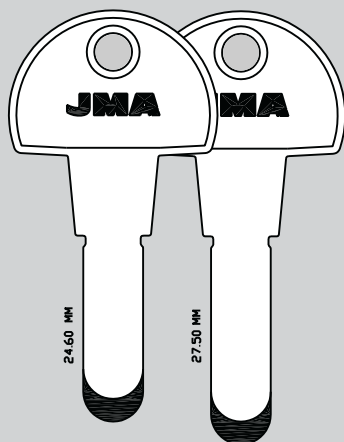


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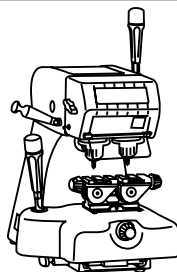
FP17 **FP19**

DEXTER



DX-8 DX-9

DAKAR - DAKAR EXPRESS



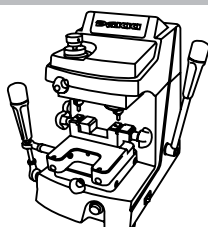
DAKKI



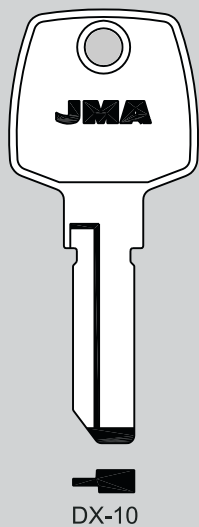
F14



P14

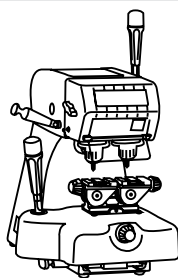


DEXTER



DX-10

DAKAR - DAKAR EXPRESS



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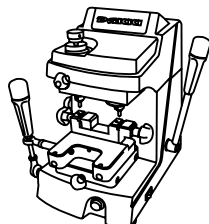


F14



P14

DAKKI



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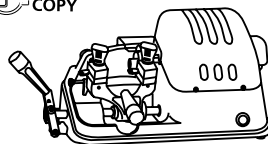
F11



P11

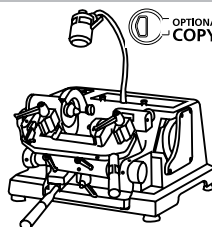
ECCO - ECCO PLUS

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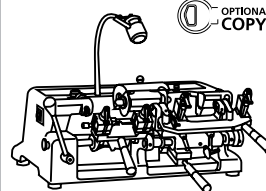
TITAN - TITAN MASTER

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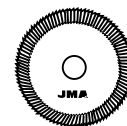


SARA TOGA

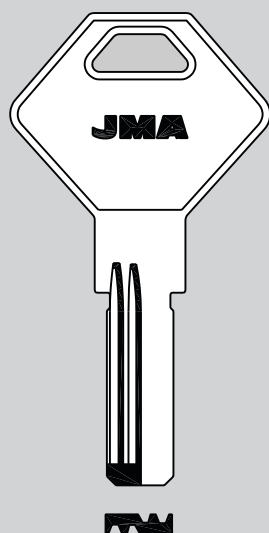
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FP24

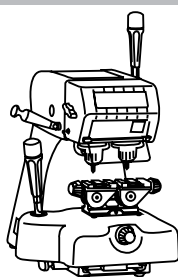


DEXTER



DX-11D

DAKAR - DAKAR EXPRESS



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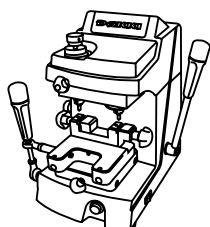


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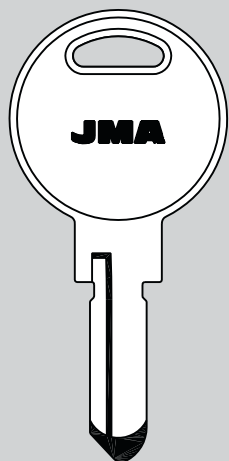
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DAKKI



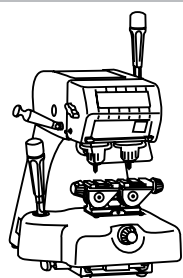
OPTIONAL COPY

FANAL



FNL-12

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

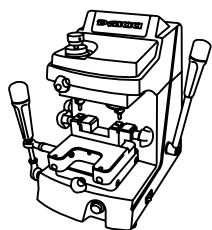


F14



P14

DAKKI



OPTIONAL COPY

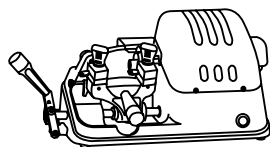


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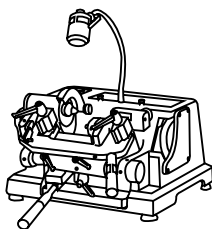
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ECCO - ECCO PLUS



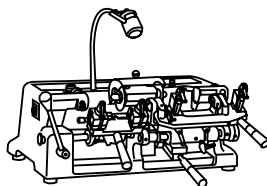
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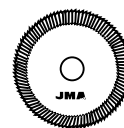


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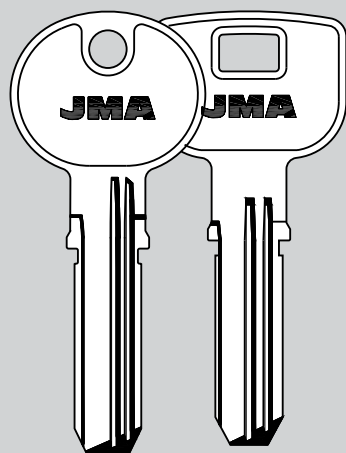


OPTIONAL COPY



FP24

TESA



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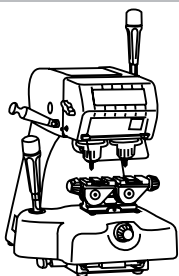


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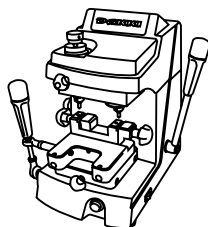


TE-T80SC

DAKAR - DAKAR EXPRESS



DAKKI

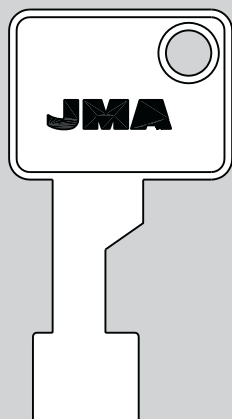


F5



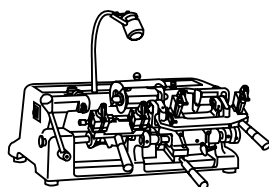
P5

TOVER

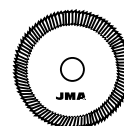
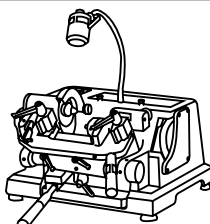


TOV-1

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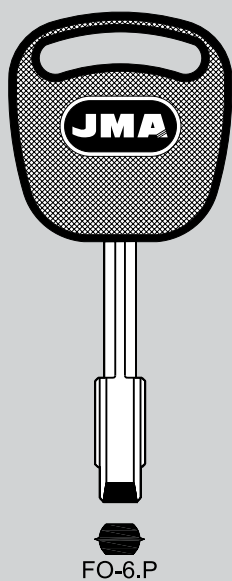


TITAN - TITAN MASTER



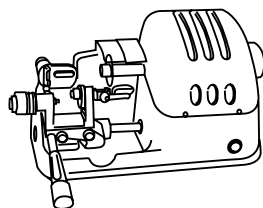
FP19

FORD



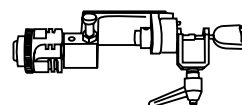
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ECCO FORD

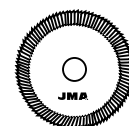


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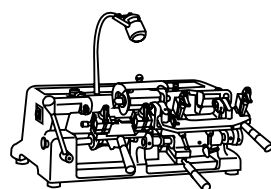
STANDARD
COPY



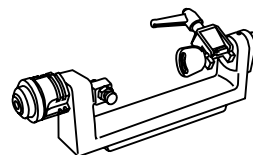
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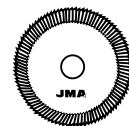
FP7 **FP8** FP9



OPTIONAL
COPY

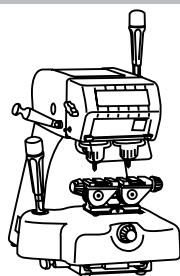


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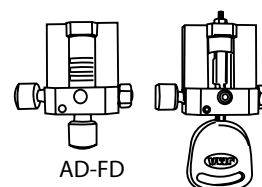


FP17 **FP19**

DAKAR - DAKAR EXPRESS

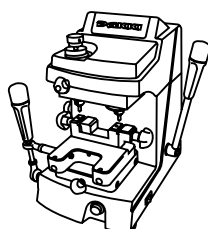


OPTIONAL
COPY



AD-FD

DAKKI PLUS



OPTIONAL
COPY

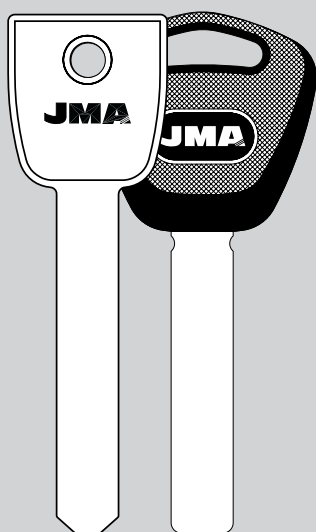


F22



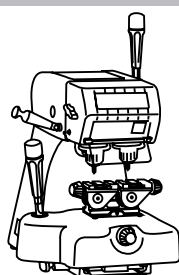
P22

HONDA



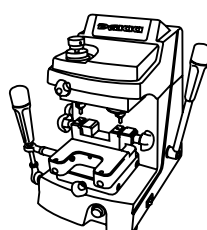
HOND-31 HOND-17.P

DAKAR - DAKAR EXPRESS



OPTIONAL
COPY

DAKKI PLUS



OPTIONAL
COPY

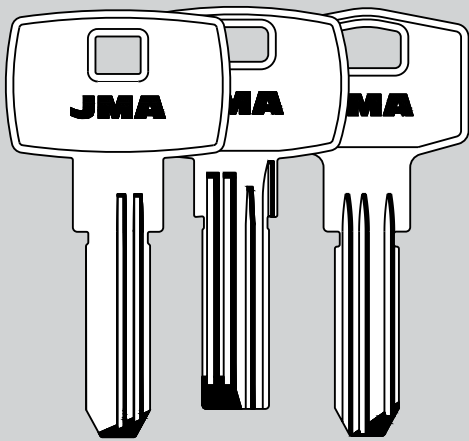


F11



P11

KALE

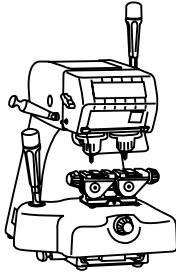


JMA
KAE-1

JMA
KAE-2

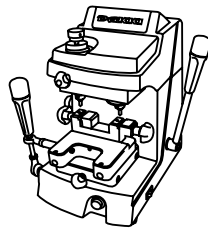
JMA
KAE-4

DAKAR - DAKAR EXPRESS



STANDARD
COPY

DAKKI



STANDARD
COPY

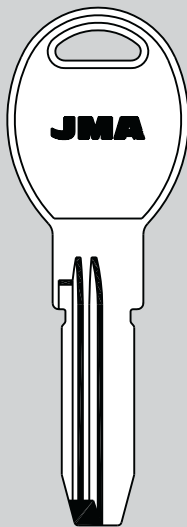


F1



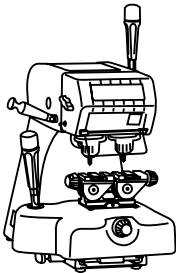
P1

KALE



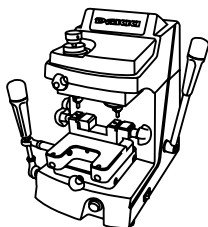
JMA
KAE-11D

DAKAR - DAKAR EXPRESS



STANDARD
COPY

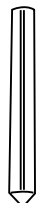
DAKKI



STANDARD
COPY

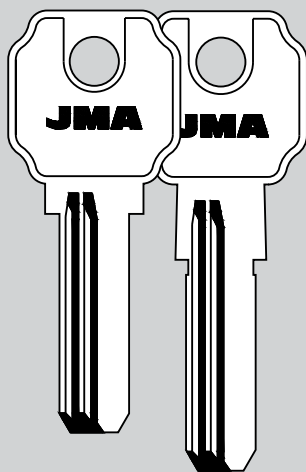


F1



P1

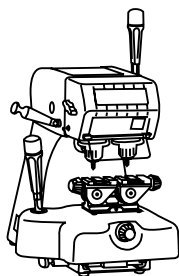
LINCE



LIN-13

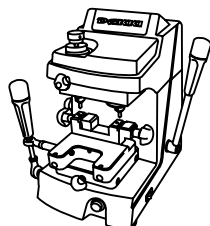
LIN-19D

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

DAKKI



OPTIONAL COPY

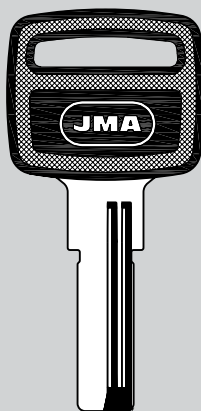


F5



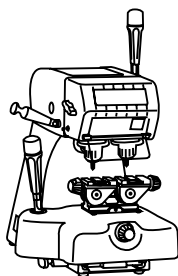
P5

MASTER



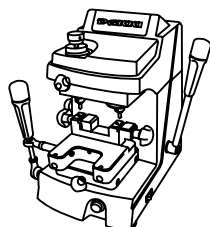
MAS-15.P

DAKAR - DAKAR EXPRESS



STANDARD COPY

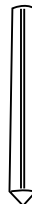
DAKKI



STANDARD COPY

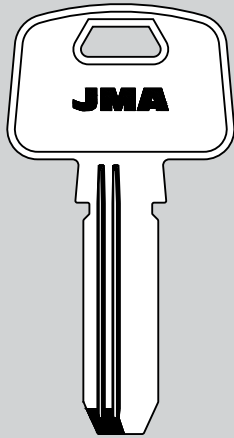


F1



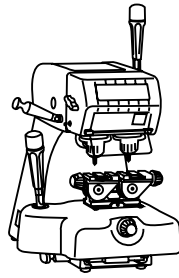
P1

MCM

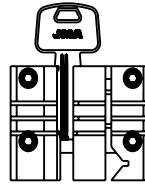


MCM-10

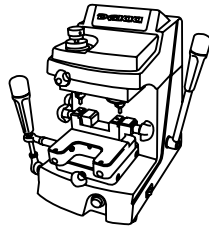
DAKAR - DAKAR EXPRESS



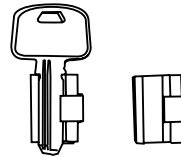
OPTIONAL
COPY



DAKKI



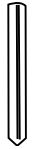
OPTIONAL
COPY



AD-MCM

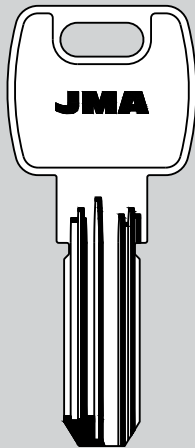


F13



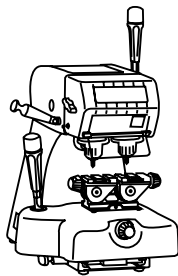
P13

MCM



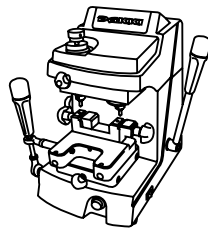
MCM-16

DAKAR - DAKAR EXPRESS



STANDARD
COPY

DAKKI



STANDARD
COPY

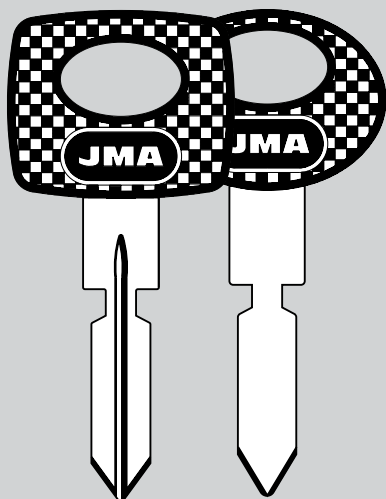


F1



P1

MERCEDES

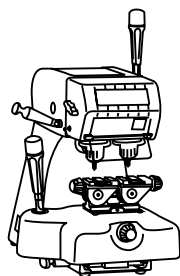


ME-2.P

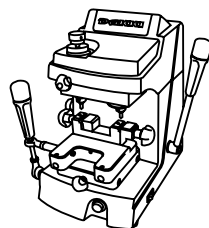


ME-3.P

DAKAR - DAKAR EXPRESS



DAKKI PLUS



OPTIONAL COPY

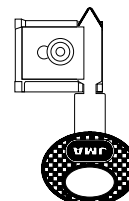
OPTIONAL COPY



F11

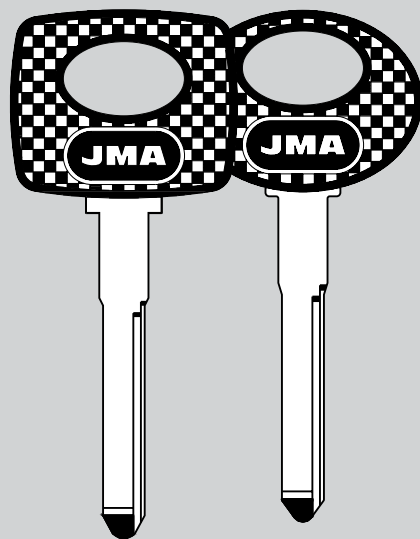


P11



AD-MJ

MERCEDES

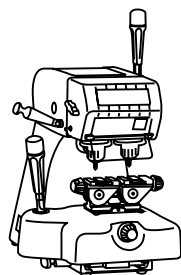


ME-4.P

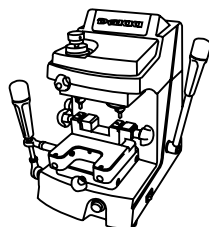


ME-5.P

DAKAR - DAKAR EXPRESS



DAKKI PLUS



OPTIONAL COPY

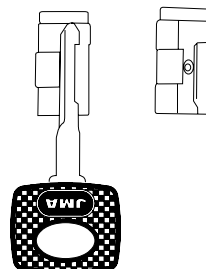
OPTIONAL COPY



F11

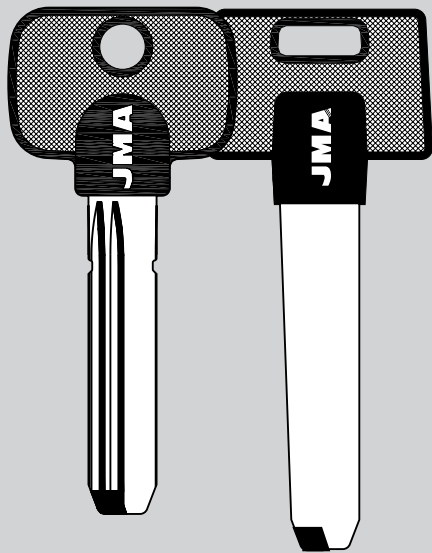


P11



AD-MM

MUL. T. LOCK



MUL-T3.P1



MUL-T2.P

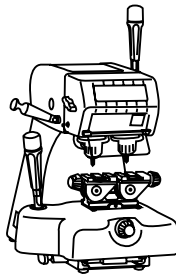


MUL-T4.P

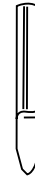


MUL-T5.P

DAKAR - DAKAR EXPRESS



OPTIONAL
COPY

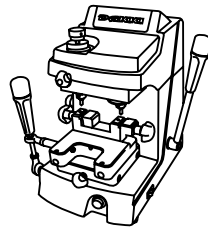


F12A



F12B

DAKKI



OPTIONAL
COPY

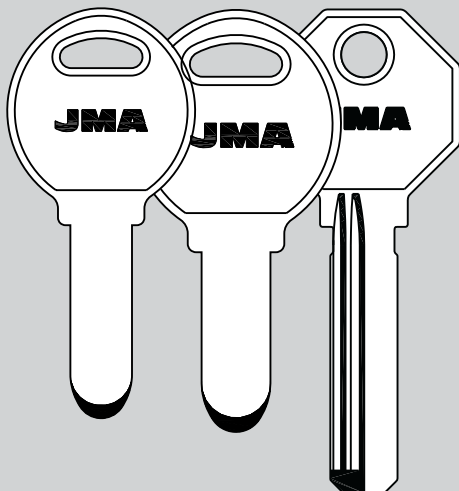


P12A



P12B

PHILLIPS



BKY-1

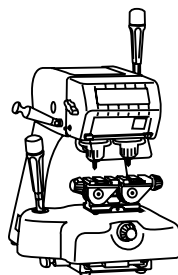


BKY-2



PHI-5D

DAKAR - DAKAR EXPRESS



OPTIONAL
COPY

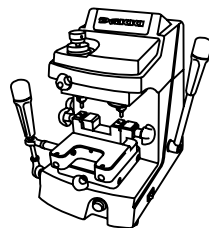


F5



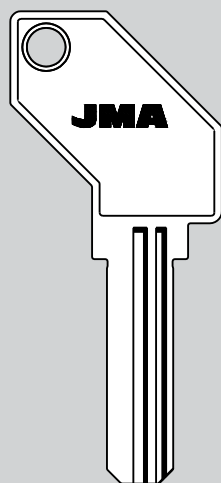
P5

DAKKI



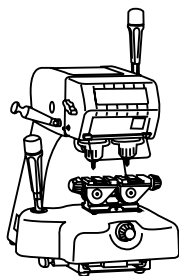
OPTIONAL
COPY

SCOVILL



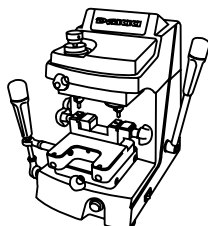
SCO-14

DAKAR - DAKAR EXPRESS



STANDARD
COPY

DAKKI



STANDARD
COPY

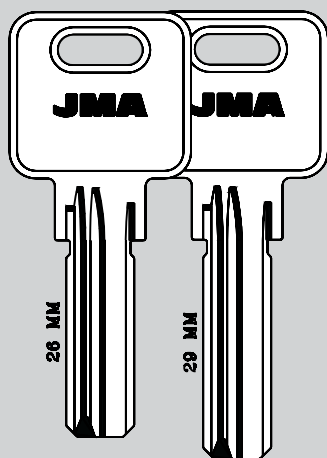


F1



P1

SOPRANO



26 MM

29 MM

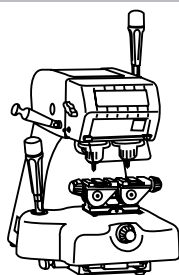


SOP-3D



SOP-4D

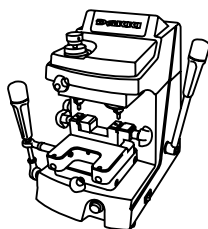
DAKAR - DAKAR EXPRESS



STANDARD
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DAKKI



STANDARD
COPY

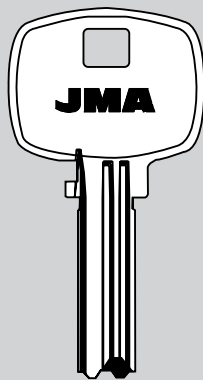


F14



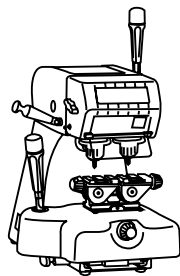
P14

STS



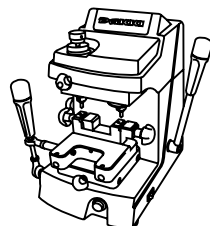
STS-X6

DAKAR - DAKAR EXPRESS



OPTIONAL
COPY

DAKKI



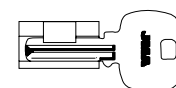
OPTIONAL
COPY



F5

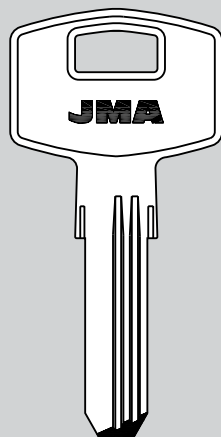


P5



AD-STS

TESA

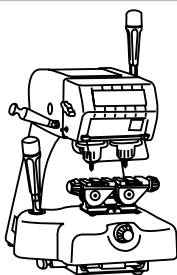


TE-T10



TE-T10D

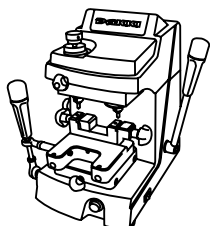
DAKAR - DAKAR EXPRESS



STANDARD
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STANDARD
COPY

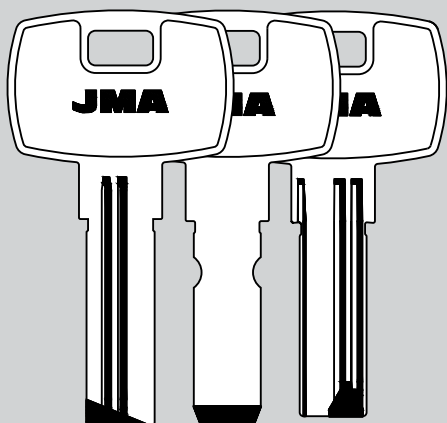


F5

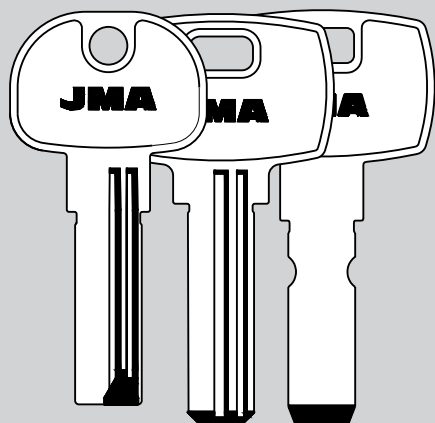


P5

TOVER

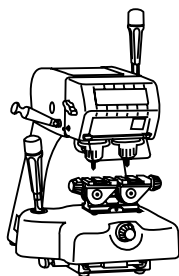


TOV-2 TOV-4 TOV-5



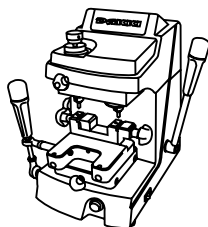
TOV-6 TOV-7 TOV-8D

DAKAR - DAKAR EXPRESS



STANDARD COPY

DAKKI



STANDARD COPY

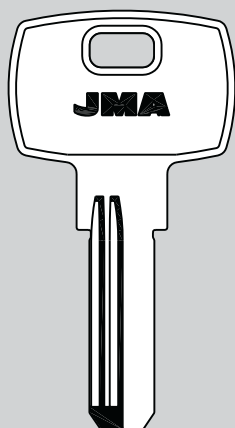


F1



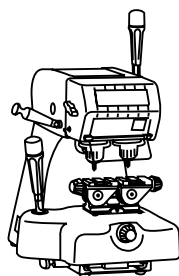
P1

TOVER



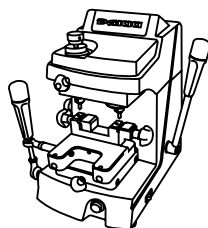
TOV-9D

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STANDARD COPY



F14



P14

TRUPER

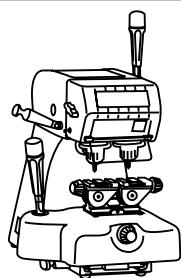


TRU-5



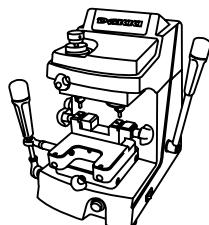
TRU-5D

DAKAR - DAKAR EXPRESS



STANDARD
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DAKKI



STANDARD
COPY

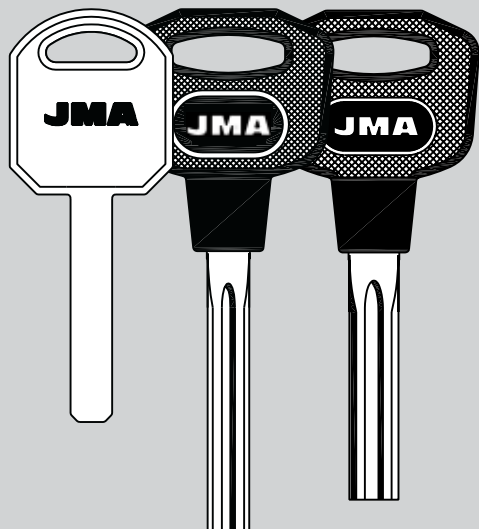


F5



P5

TRUPER



TRU-7

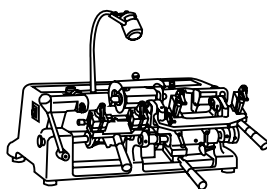


TRU-8P

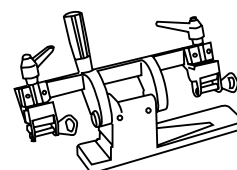


TRU-10.P

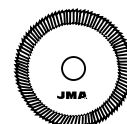
SAR ATOGA



OPTIONAL
COPY

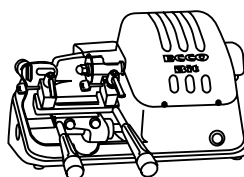


SY-AB

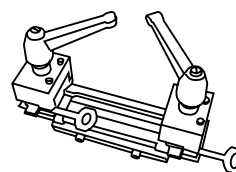


FP19

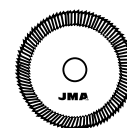
ECCO BIT



STANDARD
COPY

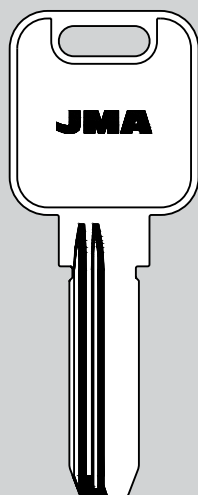


EC-BIT



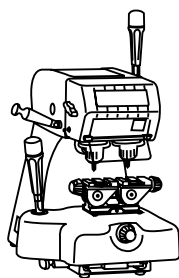
FP7 **FP8** FP9

UCEM



UCEM-8D

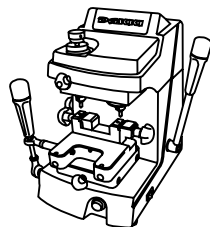
DAKAR - DAKAR EXPRESS



STANDARD
COPY

OPTIONAL
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Dakar Express

DAKKI



OPTIONAL
COPY

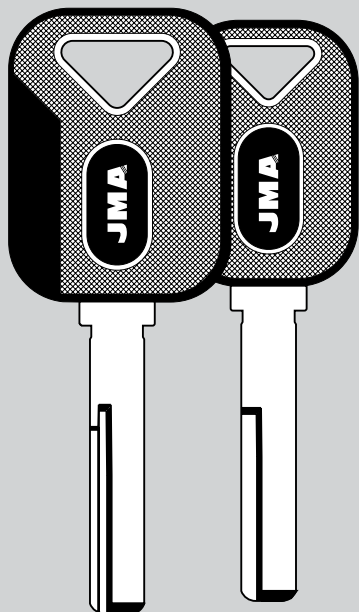


F13



P13

VW

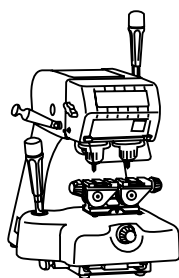


HU-DH.P



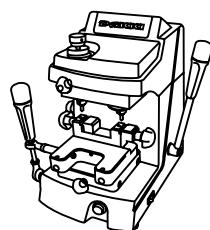
HU-DN.P

DAKAR - DAKAR EXPRESS



OPTIONAL
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DAKKI PLUS



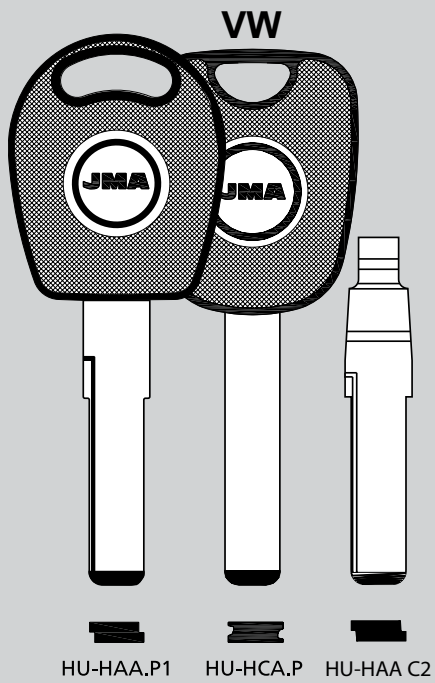
OPTIONAL
COPY



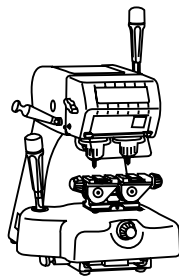
F11



P11

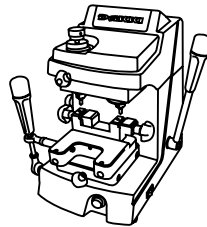


DAKAR - DAKAR EXPRESS



OPTIONAL COPY

DAKKI PLUS



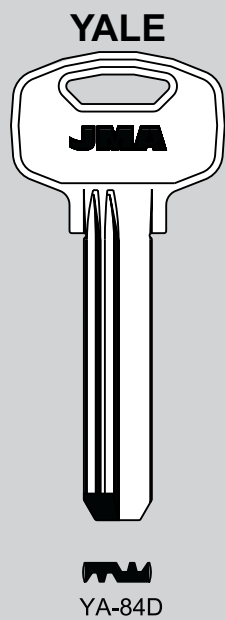
OPTIONAL COPY



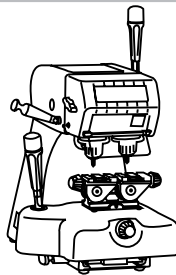
F11



P11

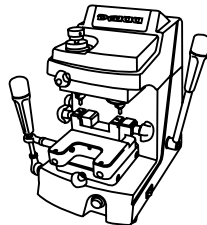


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OPTIONAL COPY

DAKKI



OPTIONAL COPY



F5



P5

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